

## Product datasheet for **SC124774**

### AMMECR1L (NM\_031445) Human Untagged Clone

#### Product data:

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| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Name:             | AMMECR1L (NM_031445) Human Untagged Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag:                      | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Symbol:                   | AMMECR1L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vector:                   | <u>pCMV6-XL4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fully Sequenced ORF:      | <p>&gt;OriGene ORF within SC124774 sequence for NM_031445 edited (data generated by NextGen Sequencing)</p> <pre> ATGGGAAAAAGACGTTGTGTTCCCTCCACTCGAGCCCAAGTTGGCAGCAGGCTGTTGTGGG GTCAAGAAGCCCAAATTATCTGGAAGTGGAACGCACAGTCACGGGAATCAGTCCACAAC GTCCCCGGCTCTAGTTCAGGACCTCTTCAAACCACAGCATGTGGACAGCAGCAGTGGG CGGAGAAATGTGTGAGACTTAACTCTGGGACCTGGAACTCTCCCATCACACGAATGAAT CCCGCATCGGGAGCGCTGAGCCCTCTTCCCCGGCCTAATGGAAGTGCCAAACCACTAAG AATCTGGTGGTGACTGCAGAGATGTGCTGCTACTGCTTCGACGTACTCTACTGTCACCTC TATGGCTTCCACAGCCACGACTTCCTAGATTACCAATGACCCCTATCCGCTCTTTGTG ACGTGGAAGACAGGGCGGGACAAGCGGCTTCGTGGCTGCATTGGGACCTTCTCAGCCATG AATCTTCATTACGAGACTCAGGGAATACAGTTAACCAGTGCACCTAAGGACAGCCGATTT CCCCCCTGACCCGAGAGGAGCTGCCTAACTTTTCTGCTCTGTCTCCCTCCTTACTAAC TTTGAGGATGCCAGTGATTACCTGGACTGGGAGGTAGGGTCCATGGGATTGCAATTGAA TTCATTAATGAAAAAGGTGTCAAACGCACAGCCACATATTTACCTGAGGTTGCTAAGGAA CAAGACTGGGATCAGATCCAGACAATAGACTCCTTGCTCAGGAAAGGTGGCTTTAAAGCT CCAATTACCAAGTGAATTCAGAAAAACGATCAAACCTACCAGGTACCGAAGTGAGAAGGTG ACAATCAGTTACGCAGAGTATATTGCTTCCCGACAGCACTGTTTCCAGAACGGCACTCTT CATGCCCGCCCCTCTACAATCATTACTCCTGA </pre> |

Clone variation with respect to NM\_031445.2



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| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_031445 unedited</p> <p>GCGGCCCGCAATTTCGCACGAGGCCACCCAGGCGCATGGCTCCATGAAGCAAGAGGAGG<br/> AGGCAGAGCGCGAGAGGTCCCGTCCGCCCCAGCCGCGTCTGGGCCAGGAGAAAAGGTACA<br/> GGAAGAAGGAATGGAATCGGAAGGAAGAAAATTCATTCCAGAGACAAAATAGCTCCCTC<br/> CTCTGTTGTAGCTGTTCTCTGGCAATACAACTTTCTGCTTTTCAGGTTCTGCAGCATT<br/> CAGACCTTGAGCACTGAATCAGGATGGGAAAAAGACGTTGTGTTCTCCACTCGAGCCCA<br/> AGTTGGCAGCAGGCTGTTGTGGGGTCAAGAAGCCCAAATTATCTGGAAGTGAACGCACA<br/> GTCACGGGAATCAGTCCCAACTGTCCCGGCTCTAGTTCAGGACCTCTTCAAAACCACC<br/> AGCATGTGGACAGCAGCAGTGGACGGGAGAATGTGTGAGACTTAACTCTGGGACCTGGA<br/> ACTCTCCCATCACACGAATGAATCCCGCATCGGGAGCGCTGAGCCCTCTCCCGGCCTA<br/> ATGGAAGTCCCAACACCACTAAGAATCTGGTGGTGAAGTGCAGAGATGTGCTGCTACTGCT<br/> TCGACGTACTCTACTGTACCTCTATGGCTTCCACAGCCACGACTTCTAGATTCACCA<br/> ATGACCCCTATCCGCTCTTTGTGACGTGAAGACAGGGNCGGACCAGCGGCTTCGTGGCT<br/> GCATTGGGACCTTCTCAGCATGAATCTTCATTGAGGACTCAGGNANTACACGTTNACCAG<br/> TGCATTAGGACAGNCGATTTTCCNCTGACCGAGAGGAGCTGGCTAACTTTCTGCTC<br/> TGNTCCCTCTTACTAATTGAGGATGCANTGATACCTGACTGANGNGNNGGGGNCCT<br/> GGNAATCCAATTGATCATATGGAAGAGGGCAACGCCAGCCCTATATCCCTGGGTGCT<br/> AGGACGACAGNGAACCCATCAACATAAACTCTGCTTGGGAAGGGGGTTAGCTCCATA<br/> CACGATCAAAAAA</p> |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACCN:</b>                        | NM_031445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Insert Size:</b>                 | 3500 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>OTI Disclaimer:</b>              | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Components:</b>                  | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq:</b>                      | <u><a href="#">NM_031445.2</a></u> , <u><a href="#">NP_113633.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>                 | 4698 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>                  | 933 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Locus ID:</b>                    | 83607                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>                  | <u><a href="#">Q6DCA0</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cytogenetics:</b>                | 2q14.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |