

Product datasheet for **SC304300**

AMMECR1 (NM_015365) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AMMECR1 (NM_015365) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMMECR1
Synonyms:	AMMERC1; MFHIEN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304300 representing NM_015365. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCGGGTGTCTGCGGGTGAAGAAGCAGAACTGTCCAGTTCGCCCCCTCTGGCTCGGGTGGC
GGTGGTGGCGCTCCTCCTCCTCCACTGCAGCGGAGAGAGCCAGTGCCGAGCTGGGGAGCTGGGACTA
GGAGGCGCGGTACGCGGCTCAACGGGCTGGGAGGTCTAACGGGAGGAGTAGCGGCAGCGGCTGTACC
CTCTCTCCCCCAGGGCTGCGGCGGCGGGGGGATCGCCCTGTCGCCACCTCCGAGCTGCGGA
GTGGGACCCTACTTTTACCCCGCCGCCACCTCTTCTCACCTCCTCATCGTCCGCCGCTCG
TCCTCATCGCGGGCTCCCGAAGATGGTGGTGTGTCAGCAGAGATGTGCTGCTTTTGTTCGATGTGCTC
TACTGTCACCTGTATGGATACCAGCAGCCCGGACCCCGATTACCAACGAGCCCTACCCACTGTTT
GTAACATGGAAGATTGGTCGAGACAAAAGATTACGTGGATGCATAGGTACTTTTTCTGCCATGAATTTG
CATTACAGGACTCAGGGAGTACACACTTACCAGTGCCCTTAAAGATAGCCGTTTTCCCAATGACAAGG
GATGAGCTGCCACGGCTTTTCTGCTCAGTGTCTGCTCACTAATTTGAAGATGTCTGTGATTATTTG
GACTGGGAGGTGGGTGTACATGGCATTAGAATAGAATTCATCAATGAAAAAGGATCAAAACGCACCGCC
ACCTACCTACCGGAGGTGCAAAGGAGCAAGGATGGGACCATATACAGACCATAGACTCCTTATTGAGG
AAAGGAGGATACAAAGCTCCGATTACTAATGAATTCAGGAAAACCATAAACTGACCAGGTATCGTAGT
GAAAAGATGACCCTGAGCTATGCTGAATACCTTGCTCATCGCCAGCATCATCATTCCAAAATGGCATT
GGGCATCCCTTCCGCCATACAACCATTATTCTGA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_015365
Insert Size:	1002 bp



[View online »](#)

OTI Disclaimer:	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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_015365.2
RefSeq Size:	5431 bp
RefSeq ORF:	1002 bp
Locus ID:	9949
UniProt ID:	Q9Y4X0
Cytogenetics:	Xq23
Protein Families:	Druggable Genome
MW:	35.5 kDa
Gene Summary:	<p>The exact function of this gene is not known, however, submicroscopic deletion of the X chromosome including this gene, COL4A5, and FAFL4 genes, result in a contiguous gene deletion syndrome, the AMME complex (Alport syndrome, mental retardation, midface hypoplasia, and elliptocytosis). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>