

## Product datasheet for SC114659

### C20orf4 (AAR2) (NM\_015511) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | C20orf4 (AAR2) (NM_015511) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | C20orf4   |
| Synonyms:                 | C20orf4; CGI-23   |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u><a href="#">pCMV6-XL5</a></u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >OriGene ORF within SC114659 sequence for NM_015511 edited (data generated by NextGen Sequencing) |

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ATGGCTGCCGTGCAGATGGATCCTGAGCTAGCCAAGCGCCTCTTCTTTGAAGGGCCACT
GTGGTCATCCTGAACATGCCAAGGGAACAGAGTTTGGGATTGACTATAACTCCTGGGAG
GTCGGGCCCAAGTTCGGGGCGTGAAGATGATCCCTCCAGGCATCCACTTCTCCACTAC
AGCTCTGTGGACAAGGCTAATCCGAAGGAAGTAGGCCCTCGTATGGGTTTCTTCTTAGC
CTGCACCAGCGGGGGCTGACAGTGTGCGCTGGAGCACACTCAGGGAAGAGGTAGACCTG
TCCCCAGCCCCAGAGTCTGAGGTGGAGGCCATGAGGGCCAACCTCCAGGAGCTGGACCAG
TTCCTGGGGCCTTACCCATATGCCACCCTGAAGAAGTGGATCTCACTACCAACTTCATC
AGCGAAGCCACAGTGGAGAAGCTACAGCCCAGAAATCGACAGATCTGTGCCTTTTCCGAT
GTGCTACCTGTGCTCTCCATGAAGCACACCAAGGACCGCTGGGGCAGAATCTACCCCGC
TGTGGCATTGAGTGCAAAGCTACCAAGAGGGCCTGGCCCGGCTACCAGAGATGAAGCCC
AGAGCCGGGACAGAGATCCGCTTCTCAGAGCTGCCACGCAGATGTTCCAGAGGGTGCC
ACGCCAGCTGAGATAACCAAGCACAGCATGGACCTGAGCTATGCCCTGGAGACTGTGCTC
AACCAAGCAGTTCCCCAGCAGCCCCAGGATGTGCTTGGTGAACCTCAGTTTGCTTTTGTG
TGCTTCTGCTGGGGAATGTGTACGAGGCATTTGAGCATTGGAAGCGGCTCCTGAACCTC
CTGTGCCGGTCAAGAGCAGCCATGATGAAGCACACACCTCTACATCAACCTCATCTCC
GACAACCTCCTCACCAGCACCTTACAGGTTTTCTTTTCTCTGCTGCAGCATTGCGCGTG
GATGCCACCTGAGAAAGAAAGCTGAAAAGTTCCAAGCTCACCTGACCAAGAAAGTTCCGG
TGGGACTTTGCTGCGGAACCTGAGGACTGTGCCCGGTGGTGGGAGCTCCCTGAGGGC
ATCGAGATGGGCTAA

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Clone variation with respect to NM\_015511.3



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|                                     |   |
|-------------------------------------|---|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_015511 unedited<br/>         NGGGTGTCACAATAGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCTGTT<br/>         CATCAAANAAAAAGGTTCTTTTGGTCACCCACCACTGGCCCCATGGCTGCCGTGCAGATG<br/>         GATCCTGAGCTAGCCAAGCGCCTCTTCTTTGAAGGGGCCACTGTGGTCATCCTGAACATG<br/>         CCCAAGGGAACAGAGTTTGGGATTGACTATAACTCCTGGGAGGTCGGGCCCAAGTTCCGG<br/>         GCGGTGAAGATGATCCCTCCAGGCATCCACTTCCTCCACTACAGCTCTGTGGACAAGGCT<br/>         AATCCGAAGGAAGTAGGCCCTCGTATGGGTTTCTCCTTAGCCTGCACCAGCGGGGGCTG<br/>         ACAGTGCTGCGCTGGAGCACACTCAGGGAAGAGGTAGACCTGTCCCAGCCCAGAGTCT<br/>         GAGGTGGAGGCCATGAGGGCCAACCTCCAGGAGCTGGACCAGTTCCTGGGGCCTTACCCA<br/>         TATGCCACCCTGAAGAAGTGGATCTCACTACCAACTTCATCAGCGAAGCCACAGTGGAG<br/>         AAGCTACAGCCCAGAAATCGACAGATCTGTGCCTTTTCCGATGTGCTACCTGTGCTCTCC<br/>         ATGAAGCACACCAAGGACCGCTGGGGCAGAATCTACCCCGCTGTGGCATTGAGTGCAAA<br/>         AGCTACCAAGAGGGCCTGGCCCGCTACCAGAGATGAAGCCCAGAGCCGGNACAGAGATC<br/>         CGCTTCTCAGAGCTGCCACGCAGATGTTCCCAAAGGGTGCCACGCCAGCCTGAGATAA<br/>         CCAGCACAGCATGGACCTGAGCTATGCCCTGGAGACTGTGCTACAAGCAGTTCCAGCA<br/>         CCCCCAGAAGTGCTTGGGAACCTCAGTTGCTTTGNGTGCTCTGTGGGAAGGTACCAG<br/>         CAT</p>  |
| <b>3' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 3' read for NM_015511 unedited<br/>         ACGCAATCTATAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGCTCAACTCGAAGACTT<br/>         TAATGTACATTATGCTCTGGAAAAACATCTCCAAGGAAACAAGTGAAGCAAAAGTCTC<br/>         AACCAGCAGGGATTCTCATTCAAAAACATGGTGTGAGCCCCAGTCTTGGAAAAGGATGGC<br/>         ACAGGGACTGTGATCATAGTACAACAGTTTGTGTCAAGGTGGCAGGGCCTGTGTAATTG<br/>         TCTAGAGAGGAACCTGCCACACAGCACGAAGGACTCCCGAGGAACCAGGAGCTCATTAC<br/>         TCCGGTGACTGACAGCTCCACAGCGGGACTGGGAAGATTTAAGCTGACCAGGTCTTCTTC<br/>         AGCACTTGGAAAGCACAAAACCTCGTAAAGGCCTTAAGAAGCCTGCTCTGGGCAGAAACC<br/>         TTTCTGGTTGTTGTTGACTCTCCAGGTCATCAGAAACAGTCACGGTGGCTCTGGTGAAGA<br/>         AAGGGAAGGTCCCACTTCTGGGTGAAGCCTCGGAATGGAACAGGTGGGAAGTGACAGCAC<br/>         CAGCAAAGCCTCTGATGCCATGGTCCACACCCACCTTGGGAGATGACCCACTGGGCCTCT<br/>         GGACACGATAATGGGATTTCCATGGAAAAGCCTGAACCTGACCACCCGCTATATTGAATC<br/>         CCCCAGCCTCCCTTGAACCTCCCTTCCCAATTAAGGGCTCCCAAGAGCTGGAGCCCAAGT<br/>         CCTTTGCTCCTTTTACAAAAAGGATGCGGGTTTTTCGGCTGGTCTCCCATTTCTCCTTATT<br/>         TTATCCGCAAAAAATTTACCCCCAACTTCCCTTACCCCTGGCGAATCCACGCCCTTC<br/>         GTCCCTAATACCCACGACACACCACACAGCCCTTCCCGCCTCTGCGTCCACTCTTTC<br/>         CTCCCATGAACAACCCGACCCCAACACCACCCTCCACACACCTGGANGTTTATACCC<br/>         TTGTCTATTTTACTCCTTCTCTCCAACCGCTGTCT</p> |
| <b>Restriction Sites:</b>           | NotI-NotI   |
| <b>ACCN:</b>                        | NM_015511   |
| <b>Insert Size:</b>                 | 2560 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).  |

**Reconstitution Method:**

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\\_015511.2](#), [NP\\_056326.2](#)

**RefSeq Size:** 2684 bp

**RefSeq ORF:** 1155 bp

**Locus ID:** 25980

**UniProt ID:** [Q9Y312](#)

**Cytogenetics:** 20q11.23

**Gene Summary:** This gene encodes the homolog of the yeast A1-alpha2 repressin protein that is involved in mRNA splicing. Alternately spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2012]  
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.