

Product datasheet for **SC217261**

ORAV1 (ORAOV1) (NM_153451) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ORAV1 (ORAOV1) (NM_153451) Human 3' UTR Clone
Symbol:	ORAV1
Synonyms:	CIAB1; ORAOV1; TAOS1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_153451
Insert Size:	1986 bp



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Insert Sequence: >SC217261 3'UTR clone of NM_153451
The sequence shown below is from the reference sequence of NM_153451. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGTGCAGAAGGTTCCGGACTTTTCAATTTAGAGGATGGATGAACAGAGACCGAACGTCGAGGAACAGA
TGTGTGTGTGACGTGTTTAGAAATGCGGTGAAGGGCCAGACGGTCTGGGAAGGCAGTTGTTTATTGGG
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TGCCCGTCTTGGGGCTCGCCACACATGCCCTTTGTTGGGCTGAAGCCGTCCTGGCAGAGCCCTCGTG
CATTGACTTGACAGCCTCTCCGGCAGCAGGCCCTAGCTGTTCTGGGTGGAGTTGGCTCTGGATAGG
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CAGGCGGTGCGGGACGTGCCCTCCGTGTGTTATTTAATCCCTTCAGGAGCCACAAGATGGGTGTTATT
CTCATTTTACAGAGGAGGGAGGGGAGACCGGAAGGGATTGCCGTCTAAGGGCACCCAGCAGCAGAGC
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GCTGGTCTTGAATCCCAGCCTGAAATGATCCACCCACGTCCACCTACCAAAGTGTGGAATTGCAGGC
ATGAGCCACCACTCCCGCCTGCTTTTTGTTTTGAAGACAGGACTTAGGTCTCCTCCTCCGAACCTCT
AAACCTGCGTGTGTGGCTGTGCACCGCTCGTTTGTAGCGTCACCTCAGGTCTGGGGAAGTCTGTGCTGG
CATCTCCTCATTGTGCCTTCATCAGAGCTGGTGCCTTCGGGCCAGAAAGACTCTCGTTCTTTCTAGATG
GTGGGATCAGGGGCCCTTGTGTGTTTCCCTTGGTGGATTTTGTGTTTGTAAAGTTGTCTATTTTGTAT
AATGTATTATTTTATAACTGTAAAAAAGTAAATAGCATATTTTAAAGTGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_153451.3](#)

Summary: The complex LTO1:YAE1 functions as a target specific adapter that probably recruits apo-ABCE1 to the cytosolic iron-sulfur protein assembly (CIA) complex machinery (PubMed:26182403). May be required for biogenesis of the large ribosomal subunit and initiation of translation (PubMed:23318452). May play a role in the regulation of proline metabolism and ROS production (PubMed:24930674).[UniProtKB/Swiss-Prot Function]

Locus ID: 220064

MW: 72.6