

Product datasheet for SC115125

ORMDL2 (NM_014182) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORMDL2 (NM_014182) Human Untagged Clone
Tag:	Tag Free
Symbol:	ORMDL2
Synonyms:	adoplin-2; HSPC160; MST095; MSTP095
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_014182 edited ATGAATGTGGGGTGGCACACAGCGAAGTAAACCCCAACACCCGAGTGATGAATAGCCGA GGCATCTGGCTGGCCTACATCATCTTGGTAGGATTGCTGCATATGGTTCTACTCAGCATC CCCTTCTTCAGCATTCTGTGTCTGGACCCTGACCAACGTCATCCATAACCTGGCTACG TATGTCTTCTTCATACGGTGAAGGGACACCCTTTGAGACTCCTGACCAAGGAAAGGCT CGGCTACTGACACACTGGGAGCAAATGGACTATGGGCTCCAGTTTACCTCTTCCCGCAAG TTCCTCAGCATCTCTCTATTGTGCTCTATCTCTGGCCAGCTTCTATACCAAGTATGAT GCTGCGCACTTCTCATCAACACAGCCTCATTGCTAAGTGTACTGCTGCCGAAGTTGCC CAGTTCCATGGGGTTCGTGTCTTTGGCATCAACAAATACTGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014182 unedited TAAACACAGTATTGTATACGACTCACTAAGGCGGCCGCGACATCGGCACGAGAGGATACT TCAGGTGTGGTAGCCGGCGCCGCGCCCATAGCCGGACGGGGATCTGAGCTGGCAGGATGA ATGTGGGGTGGCACACAGCGAAGTAAACCCCAACACCCGAGTGATGAATAGCCGAGGCA TCTGGCTGGCCTACATCATCTTGGTAGGATTGCTGCATATGGTTCTACTCAGCATCCCT TCTTCAGCATTCTGTGTCTGGACCCTGACCAACGTCATCCATAACCTGGCTACGTATG TCTTCCTTCATACGGTGAAGGGACACCCTTTGAGACTCCTGACCAAGGAAAGGCTCGGC TACTGACACACTGGGAGCAAATGGACTATGGGCTCCAGTTTACCTCTTCCCGCAAGTTCC TCAGCATCTCTCTATTGTGCTCTATCTCTGGCCAGCTTCTATACCAAGTATGATGCTG CGCACTTCCTCATCAACACAGCCTCATTGCTAAGTGTACTGCTGCCGAAGTTGCCCCAGT TCCATGGNGGTTTCGTGTCTTTGGCATCAACAAATACTGAGGGATGGGTTTTGGGACAGCT CCATGGGCATGGGAAGGCACTGAAACAGAGGACTATAAAACATCCTTCTCTTATTCTCC ATACTGTCTTCTACACCTTTAAAGCCTGAGAACTATAACCTTTCCAGACTCCCAAGA AGAGAAGAGATTGGCAAATGGGGCTCCTGNGCCAGTCCTGCTAGTGGCAAGTTTCTTTG AATCANGAAGGCANGTGAGGTAAGGGCCAAATCACTCTCTCCATAGCANGAAGCCATTT GGGCAGTTCTTNGGGTGATACATCTTTCATATCTNNTACACTTACCACCTTNCAGCTC TGNNTTGCTGGGTATTTTCTACCATAATTTTTTCAGCTTAGCTGC



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014182 unedited <pre>GCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGTGTTTAAGTTTATACATTAGGTCAG TATTCCATCTTCCACCCCCAGCCTTATGAGGACAGCTCTACCCATCCTGATTAACT GCAGCTATAGCTGAAAAAATTATTGTAAGAAAAATACACAGCAAAACAGAGCTGGAAGG TGGTAAGTGTAAGATATGGAAGATGTAATCACCAAGAAGCTGCCAAATGGCTTCC TGCTATGGAGGAGAGTGATTTGGCCCTTACCTCACCTGCCTTCTGATTCAAAGAACTT GCCACTAGCAGGACTGGGCCAGGAGCCCCATTTGCCAATCTCTTCTTCTTGGGAGTC TGGGAAAGGTTGTATAGTTCTCAGGCTTTAAAGGTGTAGAAGACAGTATGGAGAATAAGA GAAGGATGTTTTATAGTCCTCTGTTTCAGTGCCTTCCCATGCCATGGAGCTGTCCCAA AACCCATCCCTCAGTATTTGTTGATGCCAAAGACACGAACCCATGGAAGTGGGGCAACT TCGGCAGCAGTACACTTAGCAATGAGGCTGTGTTGATGAGGAAGTGCAGCATCATACT TGGTATAGAAGCTGGCCAGGAGATAGAGCACAATAGGAGAGATGCTGAGGAAGTTCGGG AAGAGGTAAGTGGAGCCATAGTCCATTTGCTCCAGTGTGTCAGTAGCCGAGCCTTTC CTTGGTCANGAGTCTCAAAGGTGTCCTTTACGTATGAAGAAGACTACGTACCCAGGTT ATGATGACGTTTGTGAGGTCCANACACCAGAATGCTGAAAAGGGGATGCTGAGTAAACC ATATGCCAGCATCTACCAAGAGATGTAGGCCAGCCAGATGCCTCGGCTTTATCACTCG GGTGTGGGGTACTTCGTTGGTGCCACCCCAATTATNCTGCAGCTCAAACCCGTCCG GGTTGGCGCGGGCCGTTACAACGAAGTTCCTGTGCCGATTNGGGCGCCTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014182
Insert Size:	1070 bp
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).
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:	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:	<u>NM_014182.3, NP_054901.1</u>
RefSeq Size:	1271 bp
RefSeq ORF:	462 bp
Locus ID:	29095
UniProt ID:	<u>Q53FV1</u>
Cytogenetics:	12q13.2
Domains:	ORMDL

Protein Families: Transmembrane

Gene Summary: Negative regulator of sphingolipid synthesis.[UniProtKB/Swiss-Prot Function]