

Product datasheet for **SC102263**

ORMDL1 (AF395704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORMDL1 (AF395704) Human Untagged Clone
Tag:	Tag Free
Symbol:	ORMDL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102263 sequence for AF395704 edited (data generated by NextGen Sequencing) ATGAACGTTGGAGTTGCCACAGTGAAGTGAATCCAAATACCCGTGTCATGAACAGCCGG GGTATGTGGCTGACATATGCATTGGGAGTTGGCTTGCTTCATATTGTCTTACTCAGCATT CCCTTCTCAGTGTTCCTGTTGCTTGGACTTTAACAAATATTATACATAATCTGGGGATG TACGTATTTTTGCATGCAGTGAAGGAACACCTTTCGAAACTCCTGACCAGGGTAAAGCA AGGCTCCTAACTCATTGGGAACAACCTGGACTATGGAGTACAGTTTACATCTTCACGGAAG TTTTTCACAATTTCTCCAATAATTCTATATTTTCTGGCAAGTTTCTATACGAAGTATGAT CCAACCTCACTTCATCCTAAACACAGCTTCTCTCCTGAGTGTACTAATCCCAAAATGCCA CAACTACATGGTGTTCGGATCTTTGGAATTAATAAGTATTGA
	Clone variation with respect to AF395704.1



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AF395704 unedited</p> <pre>GACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTAGCAGCCGGGCTGGTCTGCTGC GAGCCGGCGGCCGGAGTGGGGCGGCGAGCAAACATGAACGTTGGAGTTGCCACAGTG AAGTGAATCCAAATACCCGTGTCATGAACAGCCGGGGTATGTGGCTGACATATGCATTGG GAGTTGGCTTGCTTCATATTGCTTACTCAGCATTCCCTTCTTCAGTGTTCTGTGCTT GGACTTTAACAAATATTATACATAATCTGGGGATGTACGTATTTTTGCATGCAGTGAAAG GAACACCTTTCGAAACTCCTGACCAGGGTAAAGCAAGGCTCCTAACTCATTGGGAACAAC TGGACTATGGAGTACAGTTTACATCTTCACGGAAGTTTTTCACAATTTCTCCAATAATTC TATATTTTCTGGCAAGTTTCTATACGAAGTATGATCCAACCTCACTTCATCCTAAACACAG CTTCTCTCCTGAGTGTACTAATCCCAAATGCCACAACCTACATGGTGTTCGGATCTTTT GAATTATAAGTATTGAAATGTTTTGAAACTGAAAAAATTTACAGCTACTGAATTTCTTA TAGGAAGGAGTGTAGTAAACTGCACTGTTTCTCTGATAATGTTGAATGAGAAGTATTTA CATTGGAGGGCCCATGGCTGGTCTTCAAGTGCTGTTTGAAGGCAGATTTTCATTAATG ATGCTCTGTTTATACCACCTGTACATTTCTGAAAAGGGGCTTTATAAGCAGGCTGGGCA GCCAGCTTATTAGTAAGGCATCCAGTGAGGGTGTATAATAAATCAAGGAATAGAGAT TGTAAGACTAGACAGCTTACTATATGATGGGCATTGGTAGAAAGACATCCGCTCTCGCT GGGTATAAGCAAATTTCTGTAACGNATCTTTTTCAAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AF395704 unedited</p> <pre>CTATGTACCGCGGCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTACGGTAATAA AAATAATCTTTAATAAATTGTATAGAGAGGATCCGGTTTACATGTAAGTCTGCTTTAA ATAACCACAGCTGAATGACTGGAAATGTCTTTTCTTAACACAATGCCCATTCATTATAA GTTAAGCTGGTCTAGTTTCTTACAAATCTCTTATTTCTTGAATTTATCTACTACACC TCACTGTGATGCCCTTTAACTTATAAGCTGGGCCTGCCAGCCTGCTTATAAAGCCCTC TTCAGAAATGTACCAGGTGATTAACAGAGGCATCATTAAATGAAATCTGCACTTCAA AACAGCACTTGAAGGACCAGCCATTGGCCCTCCAATGTAATACTTCTCATTTCACATTA TCAGAGAAACAGTGCAGTTTACTAACCCTCCTTCTTATAAGAAATTCAGTAGCTGTAA AATTTTTTTTTCAGTTTCAAACATTTCAATACTTATTAATTCAAAGATCCGAACCCAT GTAGTTGTGGCATTGTTGGGAATTAGTACACTCAGGAGAGAAGCTGTGTTAGGATGAAGT GAGTTGGATCATACTTCGTATAGAACTTGCCAGAAAATATAGAATTATTGGAGAAATTG TGAAAACTTCCGTGAAGATGTAACCTGTACTCCATAGTCCAGTTGTTCCCAATGAGTTA GGAGCCTTGCTTTACCCTGGTCAGGAGTTTCGAAAGGGTGTCTTCACTGCATGGCAA ATACGTACATTCCAGNATATGTATAATTTGGTAAAGTCCAAGCACAGGAACACTNGA GAAGGGAATGCTGNAGTAGACATATGAAGCAGCCAACCTCCATGCTATGTCAGCACATAC CCCGCTGTATGAACCGTATTGGATTACTTACTGTGGGCACTCCACGTNATGTTGCTCC CCGCCACTCCGGCCCCGCTCCANAAGACA</pre>
Restriction Sites:	NotI-NotI
ACCN:	AF395704
Insert Size:	1080 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: [AF395704.1](#), [AAM43503.1](#)

RefSeq Size: 1092 bp

RefSeq ORF: 1092 bp

Locus ID: 94101

Cytogenetics: 2q32.2

Domains: ORMDL

Protein Families: Transmembrane

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