

Product datasheet for **SC321992**

ORMDL3 (NM_139280) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORMDL3 (NM_139280) Human Untagged Clone
Tag:	Tag Free
Symbol:	ORMDL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC321992
 GGTTCAGCCGCGGGTTGTACAGCTGCTGGAGCAGCAGCGGCCCCCGCTCCCGGGAACC
 GTTCCCGGGCCGTTGATCTTCGGCCCCACACGCAGAGAGGGGCAGCAGGATGAATGTGGG
 CACAGCGCACAGCGAGGTGAACCCCAACACGCGGGTGATGAACAGCCGTGGCATCTGGCT
 CTCCTACGTGCTGGCCATCGGTCTCCTCCACATCGTGTGCTGAGCATCCCGTTGTGAG
 GTCCCTGTGCTGGACCCTCACCAACCTCATTACAACATGGGCATGTATATCTTCTCT
 GCACACGGTGAAGGGGACACCCTTTGAGACCCCGGACCAGGGCAAGGGCAGGCTGCTAAC
 CCACTGGGAGCAGATGGATTATGGGGTCCAGTTCACGGCCTCTCGGAAGTTCTTGACCAT
 CACACCCATCGTGTACTTCCCTACACAGCTTCTACACTAAGTACGACCAGATCCATTT
 TGTGCTCAACACCGTGTCCCTGATGAGCGTGCTTATCCCCAAGCTGCCCCAGCTCCACGG
 AGTCCGGATTTTTGGAATCAATAAGTACTGAGAGTGCAGCCCCTTCCCCTGCCAGGGTG
 GCAGGGGAGGGTAGGGTAAAAGGCATGTGCTGCAACACTGAAGACAGAAAGAAGAAGCC
 TCTGGACACTGCCAGAGATGGGGTTGAGCCTCTGGCCTAATTTCCCCCTCGTTCCTCC
 CAGTAGCCAACCTGGAGTAGCTTGTAGTGGGGTGGGGTAGGCCCTGGGCTCTGACCT
 TTTCTGAATTTTTGATCTTTCTTTTGTCTTTTGAATAGAGACTCCATGGAGTTGGTC
 ATGGAATGGGCTGGGCTCCTGGGCTGAACATGGACCACGCAGTTCGACAGGAGGCCAGG
 GGAAAAACCCCTGCTCACTTGTTCGCCCTCAGGCAGCCAAAGCACTTTAACCCCTGCATA
 GGGAGCAGAGGGCGGTACGGCTTCTGGATTGTTTCACTGTGATTCTAGGTTTTTTCGAT
 GCCACGCAGTGTGTGCTTTTGTGTATGGAAGCAAGTGTGGGATGGGTCTTTGCCTTTCTG
 GGTAGGGAGCTGTCTAATCCAAGTCCCAGGCTTTTGGCAGCTTCTCTGCAACCCACCGTG
 GGTCTGGTTGGGAGTGGGGAGGGTCAGGTTGGGAAAGATGGGGTAGAGTGTAGATGGC
 TTGTTCCAGAGGTGAGGGGCCAGGGCTGCTGCCATCCTGGCCTGGTGGAGTTGGGGA
 GCTGTAGGAGAGCTAGTGAAGTGAAGTCTAGAGACTTGAAGAAATGGGGCCACATAGCAGCAGAGGAC
 TGGTGTAAAGGGAGGGAGGGTAGGGACAGAAGCTAGACCAATCTCCTTTGGGATGTGGG
 CAGGGAGGGAAGCAGGCTTGGAGGGTAAATTTACCCACAGAATGTGATAGTAATAGGGGA
 GGGAGGCTGCTGTGGTTAACTCCTGGGTTGGCTGTTGGGTAGACAGGTGGGAAAAAGG
 CCCGTGAGTCATTGTAAGCACAGGTCCAACCTGGCCCTGACTCCTGCGGGGGTATGGGGA
 AGCTGTGACAGAAACGATGGGTGCTGTGGTCTCTGCAGGCCCTCACCCCTTAATTCCT
 CATACTGACTGGCACTGGCAGGGCCTCTCATGTGGCAGCCACATGTGGCGTTGTGAGGC
 CACCCCATGTGGGTCTGTGGTGAAGTCTGTAGGATCCCTGCTCAAGCAGCACAGAGG
 AAGGGCAAGACGTGGCCTGTAGGCACTGTCTCAGCCTGCAGAGAAGAAAGTGAAGCCGG
 GAGCCTGAGCCTGGGCTGGAGCCTTCTCCCTCCCAGTTGGACTAGGGGCAAGTGAAT
 TTTGAAAAGTGTGGGTCCTGTGCTCTTCCAGGGGTCGAAGGGAACAGGAGAGGTCA
 CTGGGCTGTTTTCTCCCTCCTGACCCTGCATCTCCCACCCGTGATCATAGGGAACTT
 TCACCTTAAAACTTTCTAAGCAAAGTGTGAATAGGATTTTACTCCCTTTGTACAGTAT
 TCTGAGAAACGCAATAAAAGGGCAACATGTTTCTGTTAAAAAAAAAAAAAAAAAAAAAA
 AAA

Restriction Sites: Please inquire

ACCN: NM_139280

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:	<u>NM_139280.1</u> , <u>NP_644809.1</u>
RefSeq Size:	2109 bp
RefSeq ORF:	462 bp
Locus ID:	94103
UniProt ID:	<u>Q8N138</u>
Cytogenetics:	17q21.1
Protein Families:	Transmembrane
Gene Summary:	<p>Negative regulator of sphingolipid synthesis. May indirectly regulate endoplasmic reticulum-mediated Ca(+2) signaling.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 through 4 encode the same protein.</p>