

Product datasheet for **SC213139**

C 4 Methylsterol Oxidase (MSMO1) (NM_006745) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: C 4 Methylsterol Oxidase (MSMO1) (NM_006745) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MSMO1
Synonyms: DESP4; ERG25; MCCPD; SC4MOL
ACCN: NM_006745
Insert Size: 1248 bp
Insert Sequence: >SC213139 3'UTR clone of NM_006745
 The sequence shown below is from the reference sequence of NM_006745. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAAGAAGTTTGAGAAAAAGACTGAAATATATCTCACGTAACCTTCCTGAAAGATAAACGTTTTCC
TGAATTCAGAACTAGTAGCTAACATTGCTTCTGGAGAGCAGAAAATAAGCATGTCTTCTGGCTACTAAG
TGATAAAAAGAACATTAACAACCTTTAATTACCTTCTAGTGGGAACTTTTTCTACTTTACTTACAAGT
TCTATATATGTAGAAATGAATAATATATATTTAAGTACAGTTTTTCATGAGGAAGTTTTAAAGACCAT
GTTCTAAGCTTCCAAGAAGTTTTGGATACTAGAAGTATTAATCTATGGCTTTTCTCCAGTAAAACC
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CTTGGCTGGAGTGTGGTGGCACAGTCTCAGCTCACTGCAACCTCTGCCTCCAGTCAAGCAATTCTTC
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AGCTTCCAATCAAGAAAAGCCGGCACCAAGAACTCCATTCTAATCTAGAGCTGACCAGTTTGAGCTG
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TATTTTAGTCTAAAGGCTTTTCAAATTAATTTGAAATTTTTTAAAAATGAGGAGCTTTATTTCTATTTA
CCCTTCCATTTTTGTATATCAAATTTCCATTGTCATTAATAAAGTATCTTGAAGTGTGAACTTTGAACTGAC
TTGCTGTATTTGCACTTTGAGCTCTTGAATAAATGTGATTTTTGTGATTATCTGGTTCCAGTTTT
AAACATTAAGTGTACCTTTTATTCTTAACTTGAAGTACAGAAATCATTAAATTTAAGTTGTACA
ATAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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_006745.5
Summary:	Sterol-C4-methyl oxidase-like protein was isolated based on its similarity to the yeast ERG25 protein. It contains a set of putative metal binding motifs with similarity to that seen in a family of membrane desaturases-hydroxylases. The protein is localized to the endoplasmic reticulum membrane and is believed to function in cholesterol biosynthesis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	6307
MW:	48.2