

Product datasheet for **SC207173**

MAL (NM_022440) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAL (NM_022440) Human 3' UTR Clone
Symbol:	MAL
Synonyms:	MVP17; VIP17
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022440
Insert Size:	567 bp
Insert Sequence:	>SC207173 3'UTR clone of NM_022440 The sequence shown below is from the reference sequence of NM_022440. 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
TTCTCTTAATCAGATGGAAGTCTTCATAAGCCGCAGTAGAACTTGAGCTGAAAACCCAGATGGTGT
AACTGGCCGCCCCACTTCCGGCATAACTTTTTAGAAAACAGAAATGCCCTTGATGGTGGAAAAAGAA
AACCAACACCCCCCACTGCCAAAAAAAAAAGCCCTGCCCTGTGCTCGTGGGTGCTGTGTTACTCT
CCCGTGTGCCTTCGCGTCCGGGTTGGGAGCTTGCTGTGTCTAACCTCCAAGTGTGCTGTCTGCTAG
GGTCACCTCCTGTTGTGAAAGGGGACCTTCTTGTTCGGGGTGGGAAGTGGCGACCGTGACCTGAGAA
GGAAAGAAAGATCCTCTGCTGACCCCTGGAGCAGCTCTCGAGAACTACCTGTTGGTATTGTCCACAAGC
TCTCCGAGCGCCCCATCTTGTGCCATGTTTTAAGTCTTCATGGATGTTCTGCATGTCATGGGGACTAA
AACTCACCCAACAGATCTTCCAGAGGTCCATGGTGGAAAGACGATAACCTGTGAAATACTTTATAAAA
TGTCTTAATGTTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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_022440.3
Summary:	The protein encoded by this gene is a highly hydrophobic integral membrane protein belonging to the MAL family of proteolipids. The protein has been localized to the endoplasmic reticulum of T-cells and is a candidate linker protein in T-cell signal transduction. In addition, this proteolipid is localized in compact myelin of cells in the nervous system and has been implicated in myelin biogenesis and/or function. The protein plays a role in the formation, stabilization and maintenance of glycosphingolipid-enriched membrane microdomains. Down-regulation of this gene has been associated with a variety of human epithelial malignancies. Alternative splicing produces four transcript variants which vary from each other by the presence or absence of alternatively spliced exons 2 and 3. [provided by RefSeq, May 2012]
Locus ID:	4118
MW:	21.1