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Product datasheet for SC207178

MAL (NM_022438) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAL (NM_022438) Human 3' UTR Clone
Symbol:	MAL
Synonyms:	MVP17; VIP17
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022438
Insert Size:	567 bp
Insert Sequence:	>SC207178 3'UTR clone of NM_022438 The sequence shown below is from the reference sequence of NM_022438. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCTCTTTAATCAGATGGAAGTCTTCATAAAGCCGCAGTAGAACTTGAGCTGAAAACCCAGATGGTGTT AACTGGCCGCCCCACTTTCCGGCATAACTTTTTAGAAAACAGAAATGCCCTTGATGGTGGAAAAAAGAA AACAACCACCCCCCCACTGCCCAAAAAAAAAAGCCCTGCCCTGTTGCTCGTGGGTGCTGTGTTTACTCT CCCGTGTGCCTTCGCGTCCGGGTTGGGAGCTTGCTGTGTCTAACCTCCAACTGCTGTGCTGTCTGCTAG GGTCACCTCCTGTTTGTGAAAGGGGACCTTCTTGTTCGGGGGTGGGAAGTGGCGACCGTGACCTGAGAA GGAAAGAAAGATCCTCTGCTGACCCCTGGAGCAGCTCTCGAGAACTACCTGTTGGTATTGTCCACAAGC TCTCCCGAGCGCCCCATCTTGTGCCATGTTTTAAGTCTTCATGGATGTTCTGCATGTCATGGGGACTAA AACTCACCCAACAGATCTTTCCAGAGGTCCATGGTGGAAGACGATAACCCTGTGAAATACTTTATAAAA TGTCTTAATGTTCAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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_022438.3

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