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# Product datasheet for SC207174

## MAL (NM_022439) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | MAL (NM_022439) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | MAL |
| **Synonyms:** | MVP17; VIP17 |
| **ACCN:** | NM_022439 |
| **Insert Size:** | 567 bp |
| **Insert Sequence:** | >SC207174 3'UTR clone of NM_022439<br>The sequence shown below is from the reference sequence of NM_022439. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>TTCTCTTTAATCAGATGGAAGTCTTCATAAAGCCGCAGTAGAACTTGAGCTGAAAACCCAGATGGTGTT<br>AACTGGCCGCCCCACTTTCCGGCATAACTTTTTAGAAAACAGAAATGCCCTTGATGGTGGAAAAAAGAA<br>AACAACCACCCCCCCACTGCCCAAAAAAAAAAGCCCTGCCCTGTTGCTCGTGGGTGCTGTGTTTACTCT<br>CCCGTGTGCCTTCGCGTCCGGGTTGGGAGCTTGCTGTGTCTAACCTCCAACTGCTGTGCTGTCTGCTAG<br>GGTCACCTCCTGTTTGTGAAAGGGGACCTTCTTGTTCGGGGGTGGGAAGTGGCGACCGTGACCTGAGAA<br>GGAAAGAAAGATCCTCTGCTGACCCCTGGAGCAGCTCTCGAGAACTACCTGTTGGTATTGTCCACAAGC<br>TCTCCCGAGCGCCCCATCTTGTGCCATGTTTTAAGTCTTCATGGATGTTCTGCATGTCATGGGGACTAA<br>AACTCACCCAACAGATCTTTCCAGAGGTCCATGGTGGAAGACGATAACCCTGTGAAATACTTTATAAAA<br>TGTCTTAATGTTCAA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>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). |
| **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. |

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**RefSeq:** NM_022439.3

**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