

Product datasheet for SC112679

MALL (NM_005434) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MALL (NM_005434) Human Untagged Clone
Tag: Tag Free
Symbol: MALL
Synonyms: BENE
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_005434 edited
 ATGGCCTCGCCCGACCCGCCGCCACCAGCTACGCCCGTCCGACGTGCCCTCGGGGTC
 GCGTGTTCCCTCACCATCCCTTTGCGCTTCTTCCCTGCCGAGCTGATATTTGGGTTCTTG
 GTCGTGGACCATGGTAGCCGCCACCCACATAGTATACCCCTTGCTGCAAGGATGGGTGATG
 TATGTCTCGCTCACCTCGTTTCTCATCTCCTTGATGTTCTGTTGTCTTATTTGTTTGGGA
 TTTTACAAAAGATTTGAATCCTGGAGAGTTCTGGACAGCCTGTACCACGGGACCACTGGC
 ATCCTGTACATGAGCGTGCCTGCTACAAGTACATGCCACGATTGTTTCTGAGAAACTG
 CTGGACCAAGAATTTACTACATTAATTCGGCAGCCTCGTTCTTCCGCTTTCATCGCCACG
 CTGCTCTACATTCTCCATGCCTCAGCATCTATTACCACTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_005434 unedited
 TCGCATTTTGTAAATACGACTCACTATAGGGCGGCCCGCGATTCCGGCACGAGGGGCAGGGG
 CTGACAGCATGGCCTCGCCCGACCCGCCGCCACCAGCTACGCCCGTCCGACGTGCCCT
 CGGGGGTCCGCGTGTTCCTCACCATCCCTTTGCGCTTCTTCCCTGCCGAGCTGATATTTG
 GGTTCCTGGTCTGGACCATGGTAGCCGCCACCCACATAGTATACCCCTTGCTGCAAGGAT
 GGGTGATGATGTCTCGCTCACCTCGTTTCTCATCTCCTTGATGTTCTGTTGTCTTATT
 TGTTTGGATTTTACAAAAGATTTGAATCCTGGAGAGTTCTGGACAGCCTGTACCACGGGA
 CCACTGGCATCCTGTACATGAGCGTGCCTACAAGTACATGCCACGATTGTTTCTG
 AGAAACTGCTGGACCAAGAATTTACTACATTAATTCGGCAGCCTCGTTCTTCCGCTTCA
 TCGCCACGCTGCTCTACATTCTCCATGCCTTCAGCATCTATTACCACTGATGCACAGGGC
 CCAGGCCAAGNGGAAATGCTCTNTTGAAGCTCCAATTATTGGTCCCAAAGCAGCTTCC
 AACGTTTGCCATCTGGATGACAAACGNAAGATCCACTAAAACGTCCACGGTATTAACAGA
 ACGTCCTTGACAGCTGAGCGATGACACCACACTTTGTTTGGACATTTAAATTCACCTCTG
 CTGAATAGGGAGAAGCTTTTTCTTTTTCTGCGAAAACAAGTGTCTTTTGAATTTATCTG
 ACCATGAACCTTGTCTTCAAGACACTCACATCAAGCCCCACTCCACTAATGCAGAAATCC
 TAGCCCCACCTATGCCAAGTCCGTTTGGGGATTTTGGCCAGCTATGGGCTTCCCTAGAG
 TAGTCTAGGGGAATCTCAGCCTGACTTTTTTTGGTGTGTATAT



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_005434 unedited TGTACCGAGCCGCTTCTATAGTCGGTTTTTTTTTTTTTTTTTTTTTCTTTTTACCAAACAA CTTTTATTTGCATGTGGCTACTTAGTAAATAGTAATCAGTGATCATCCTAGACAGCTGCC AGGCAACAAAAGGAGAGACACATAGAAGCTTGGCAAGGTATCAGGTTGCAAAAAAAAAA AAAAAAGTATCAGAGTGATCAGAAAGTGAGCAGTGAGCAGTAGTGAAGCCAGAATTTTCT TTCCCATGACTCCTGTAGTTCTGTCCCTGTCCCGCAAACCCAGGAGGGGAAAAATGTA GATACAAAACGTAAAGGCCTCAAACCAGTTAGGACAAGTCCCTTCTCGTAATAATTTAT TTCATTCCTCAATGACAGAAGGCACGTGCAGTTACAGGGCTGTGCCCTATTCGTCTGGGTC AACAGAAGAGCACAGCTTTCTTTAGAAAAACATTTACTTTAAAACCAAGCACCTTGATTT GATATTTTAGTGTGCACAACTTTGCCCGTTGAGGTCTGGTGAGCCCTTGCCCAACCCCG TGGGCACCACCATTCCGCCAGGCTNNGAGGGCCACCGGGTCTTAAGATAATGTGAGGG GGGTGAGTGCAGGTGGCGCCACCCGGCTCCTGGGACATGGGTCTTTCACTCCTCGCTTG AAATGTTGCGGAGCCTTTCTTCCAATGCGGTTTGGGGCGGAACATCCCCGGTGAAT GTTTTTCCCTCTTCCCTGAGGGCCTTTTGGGAACCTTTCTCTTAAGCGTGGGCTTC GTTTTTCTGCCACGCTGCGGGTATGCGTTATTCTCCCTGTTGCCCCACTCTCCGGTG GACGGGTCTTTCCTCTCCCTCATTGCGCTCTTTCCGTCCCTCTTTTTTTGTGTC CTCGCTCTTCTGCCCTCCTCCTCTCTCTTCTTAAGTNGAGTCTCCGAGGCTTGTC CTCCCACTCCCCCTCTTCTTNCNTCTCTCTTCTTGTCTCCTCGTCTCNTTCTCTCTACT CTCTTCTCTAAT
Restriction Sites:	NotI-NotI
ACCN:	NM_005434
Insert Size:	2550 bp
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).
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:	NM_005434.3 , NP_005425.1
RefSeq Size:	2575 bp
RefSeq ORF:	462 bp
Locus ID:	7851
UniProt ID:	Q13021
Cytogenetics:	2q13

Protein Families: Transmembrane

Gene Summary: This gene encodes an element of the machinery for raft-mediated trafficking in endothelial cells. The encoded protein, a member of the MAL proteolipid family, predominantly localizes in glycolipid- and cholesterol-enriched membrane (GEM) rafts. It interacts with caveolin-1. [provided by RefSeq, Jul 2008]