

Product datasheet for SC109613

LMAN2L (NM_030805) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMAN2L (NM_030805) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMAN2L
Synonyms:	MRT52; VIPL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC109613 sequence for NM_030805 edited (data generated by NextGen Sequencing) <pre> ATGGCGGCGACTCTGGGACCCCTTGGGTCGTGGCAGCAGTGGCGGCGATGTTTGTGCGCT CGGGATGGGTCCAGGATGTTACTCCTTCTTTTGTGGGTCTGGGCAGGGGCCACAG CAAGTCGGGGCGGGTCAAACGTTTCGAGTACTTGAACGGGAGCACTCGCTGTCGAAGCCC TACCAGGGTGTGGGCACAGGCAGTTCCTCACTGTGGAATCTGATGGGCAATGCCATGGTG ATGACCCAGTATATCCGCCTTACCCAGATATGCAAAGTAAACAGGGTGCCTTGTGGAAC CGGGTGCCATGTTTCTGAGAGACTGGGAGTTCAGGTGCACTTCAAAATCCATGGACAA GGAAAGAAGAATCTGCATGGGGATGGCTTGGCAATCTGGTACACAAAGGATCGGATGCAG CCAGGGCCTGTGTTTGGAAACATGGACAAATTTGTGGGGCTGGGAGTATTTGTAGACACC TACCCCAATGAGGAGAAGCAGCAAGAGCGGGTATCCCTACATCTCAGCCATGGTGAAC AACGGCTCCCTCAGCTATGATCATGAGCGGGATGGGCGGCTACAGAGCTGGGAGGCTGC ACAGCCATTGTCCGAATCTTCATTACGACACCTTCTGGTGATTGCTACGTCAAGAGG CATTTGACGATAATGATGGATATTGATGGCAAGCATGAGTGGAGGGACTGCATTGAAGTG CCCGGAGTCCGCCTGCCCGCGGCTACTACTTCGGCACCTCCTCCATCACTGGGGATCTC TCAGATAATCATGATGTCATTTCTTGAAGTTGTTTGAAGTACAGTGGAGAGAACCCCA GAAGAGGAAAAGCTCCATCGAGATGTGTTCTTGGCCTCAGTGGACAATATGAAGCTGCCT GAGATGACAGCTCCACTGCCGCCCTGAGTGGCCTGGCCCTCTTCTCATCGTCTTTTTC TCCCTGGTGTTTCTGTATTTGCCATAGTCATTGGTATCATACTCTACAACAAATGGCAG GAACAGAGCCGAAAGCGCTTCTACTGA </pre>

Clone variation with respect to NM_030805.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_030805 unedited
 GTTCAGGATTTTGTAAATACGACTTCACTATANNGGCGGCCGCAATTCGGCACGAGGCC
 TCGTGCCGAATTCGGCACGAGGAAGATGGCGGCGACTCTGGGACCCCTTGGGTCGTGGCA
 GCAGTGGCGGCGATGTTTGTGCGCTCGGGATGGGTCCAGGATGTTACTCCTTCTTCTTT
 GTTGGGGTCTGGGCAGGGGCCACAGCAAGTCGGGGCGGGTCAAACGTTTCGAGTACTTGAA
 ACGGGAGCACTCGCTGTCTGAAGCCCTACCAGGGTGTGGGCACAGGCAGTTCCTCACTGTG
 GAATCTGATGGGCAATGCCATGGTGATGACCCAGTATATCCGCCTTACCCAGATATGCA
 AAGTAAACAGGGTGCCTTGTGGAACCGGGTGCCATGTTTCTGAGAGACTGGGAGTTGCA
 GGTGCACTTCAAAATCCATGGACAAGGAAAGAAGAATCTGCATGGGGATGGCTTGCAAT
 CTGGTACACAAAGGATCGGATGCAGCCAGGGCCTGTGTTTGAAACATGGACAAATTTGT
 GGGGCTGGGAGTATTTGTAGACACCTACCCCAATGAGGAGAAGCAGCAAGAGCGGGTATT
 CCCCTACATCTCAGCCATGGTGAACAACGGCTCCCTCAGCTATGATCATGAGCGGGATGG
 GCGGCCTACAGAGCTGGGAGGCTGCACAGCCATTGTCCGAATCTTCATTACGACACCTT
 CCTGGTGATTCTGCTACGTCAGAGGCATTTGACGATNATGATGGATATTGATGGGCAGCA
 TGAGTGGAGGGACTGCCATGNAGTGCCCNAGTCCGCCTGCCCCGCGGCTACTACTTCGG
 CACCTNCTNCATCACTGGGGATCTCTCANGTCACTGCTGGGTAGCTGTGGATCAAAGGCT
 TGACCTAGAAGTCACTTCAAGACATACCTCTTTTCAGTGGCACAGTCATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_030805 unedited
 GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGTTCCATCGGTGATTTTAAGA
 ATTTTCATTTAGGCTACAGAGGTTTCATAGGAGGACTCAGAGTTCAGGCCCTCCAAGGAGA
 CTCTGGCCTGTAAGTATTTAATCCAGGGCAGTAAGGTGAGCAGCATGAACCCCTTGT
 CAAATAAGGCAGTGGAATAAGGGTTGACAGAGGCCAGCACTCAGGCTGTGCTGCTCAATG
 ACAGTGAAGTCTTCCAGGCACAGATGATGAGGGTCTGTTGCTCTCAGACTTGGAAATGA
 GAACAGCAACTGTCTCTTGTCCATTAAGAAAAAAGCCAAATTTCTTCTCTGGGCAAT
 ATCCAAGCCCAAGGTGTAAGAAGAAAGCTTCTTACACTTTCAGCACTCAAAGTGGGATT
 CCAAAAATCGTAACTACAAAACATGCAGCTAAGCAGGCTCTAGCAAGTCCAGAAACATCT
 CCACATGGTCAGACCACATGACAAATGTTGCTTTTGGTTTGATCAAACCTGGAGCTGGTC
 AGTTGCACAGCTAATCCATGGCATCCATGATGTCTTCCAGGCTTCTCTTGATTTTACAC
 CAACCTTTAGCCAACTTCACTGAGGGCCTGAAGAGACTTGATTGGGAAGGCCATGGACA
 TGCCCAATAGACCAAGACCCATGCTAGGGAACAGTGATCCACAGCAGAAGCCATCTTCT
 AGGGCCACCTAATGAAAGCCAGTGAAACGCCAGGTGTGTTCTGCAGCCCCAGGCCCAAC
 AGAGAAGCATCCACAATGCCTTTCCAAGTAAAGTTGCCACAGAAGAGGACATTGATGGCA
 CTGAAGGGAAGGTAAGCAGGGAAAAATTTTCATCCTGGTTTCAAAAAAGCTCCTCAGGAG
 CCCAAAGTTTGGGTAAATGCAAACCCACCACTGGTGGCCCAAGCCTGGGGGTCCCACTT
 TTATCCTTGGGAATCAAA

Restriction Sites:

ECoRI-NOT

ACCN:

NM_030805

Insert Size:

2590 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:	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:	<u>NM_030805.1, NP_110432.1</u>
RefSeq Size:	2416 bp
RefSeq ORF:	1047 bp
Locus ID:	81562
UniProt ID:	<u>Q9H0V9</u>
Cytogenetics:	2q11.2
Domains:	Lectin_leg-like
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes a protein belonging to the L-type lectin group of type 1 membrane proteins, which function in the mammalian early secretory pathway. These proteins contain luminal carbohydrate recognition domains, which display homology to leguminous lectins. Unlike other proteins of the group, which cycle in the early secretory pathway and are predominantly associated with post endoplasmic reticulum membranes, the protein encoded by this gene is a non-cycling resident protein of the ER, where it functions as a cargo receptor for glycoproteins. It is proposed to regulate exchange of folded proteins for transport to the Golgi and exchange of misfolded glycoproteins for transport to the ubiquitin-proteasome pathway. [provided by RefSeq, Apr 2016]