

Product datasheet for **SC319525**

LMAN2 (NM_006816) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LMAN2 (NM_006816) Human Untagged Clone
Tag: Tag Free
Symbol: LMAN2
Synonyms: C5orf8; GP36B; VIP36
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006816.1
 GCCGAGAGGAGAGAGAATGGCGGCGGAAGGCTGGATTTGGCGTTGGGGCTGGGGCCGGC
 GGTGCCTGGGAAGGCCTGGGCTTCTCGGCCCGGCCCTGGCCCCACTACACCTCTCTTTCT
 TTCTTTTGTGTTGGGGTCTGTGACTGCGGATATAACTGACGGCAACAGTGAACATCTCA
 AGCGGGAGCATTGCTCATTAAAGCCCTACCAAGGGGTCGGTTCCAGCTCTATGCCCTCT
 GGGACTTCCAGGGCAGCACTATGCTCACGAGCCAGTACGTACGTCTGACCCCTGACGAGC
 GCAGCAAAGAGGGCTCTATCTGGAACCACCAGCCGTGCTTCTCAAAGACTGGGAAATGC
 ACGTCCACTTCAAAGTCCACGGCACAGGGAAGAAGAACCCTCCATGGAGACGGCATCGCT
 TGTGGTACACCCGGGACCGCCTCGTGCCAGGGCCTGTGTTTGAAGCAAAGATAACTTCC
 ACGGCTTAGCCATCTTCTGGACACCTACCCCAATGATGAGACCACTGAGCGCGTGTTC
 CGTACATCTCGGTGATGGTGAACAATGGCTCCCTGTCTACGACCACAGCAAGGATGGGC
 GCTGGACCGAGCTGGCGGGCTGCACGGCTGACTTCCGCAACCGGATCAGGACACCTTCC
 TGGCTGTGCGCTACTCCCGGGGCGCTGACGGTGATGACCGACCTGGAGACAAGAACG
 AGTGGAAGAACTGCATTGACATCACGGGAGTGCCTGCCACCGGCTACTACTCGGGG
 CCTCCGCCGGCACCGGCGACCTGTCTGACAATCATGACATCATCTCCATGAAGCTGTTCC
 AGCTGATGGTGGAGCACACGCCGACGAGGAGAGCATCGACTGGACCAAGATCGAGCCCA
 GCGTCAACTTCTCAAGTCGCCAAAGACAACGTGGACGACCCACGGGAACTTCCGCA
 GCGGGCCCTGACGGGGTGGCGGGTGTTCCTGCTGCTGCTGTGCGCTCTCTGGGCATCG
 TTGTCTGCGCCGTGGTGGGGCCGTGGTGTCCAGAAGCGGACAGGAGCGGAACAAGCGCT
 TCTACTGAGTGGCGCCTCCGGCGGGCCTGTCCCTGGGCCAGGAGCCAATGTGAACCTT
 TTTTTTACC GGATTATAAAAAGAAACAAGATGACCTTATTTCTTAACTGTTTCAAAT
 AAATGATTAAAGTATTTTCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_006816



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_006816.1</u> , <u>NP_006807.1</u>
RefSeq Size:	1407 bp
RefSeq ORF:	1071 bp
Locus ID:	10960
UniProt ID:	<u>Q12907</u>
Cytogenetics:	5q35.3
Domains:	Lectin_leg-like
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a type I transmembrane lectin that shuttles between the endoplasmic reticulum, the Golgi apparatus and the plasma membrane. The encoded protein binds high mannose type glycoproteins and may facilitate their sorting, trafficking and quality control. [provided by RefSeq, Oct 2008]