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Product datasheet for SC304962

LMAN1L (NM_021819) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMAN1L (NM_021819) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMAN1L
Synonyms:	ERGIC-53L; ERGL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC304962 representing NM_021819.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGGCGGTCAGTGGTCCAGGTCCCTTATTCTGCCTTCTCCTCCTGCTCCTGGACCCCCACAGCCCT
GAGACGGGGTGTCCTCCTCTACGCAGGTTTGAGTACAAGCTCAGCTTCAAAGGCCCAAGGCTGGCATTG
CCTGGGGCTGGAATACCCTTCTGGAGCCATCATGGAGACGCCATCCTGGGCCTGGAGGAAGTGCGGCTG
ACGCCATCCATGAGGAACCGGAGTGGCGCCGTGTGGAGCAGGGCCTCTGTCCCCTTCTCTGCCTGGGAA
GTAGAGGTGCAGATGAGGGTGACGGGACTGGGGCGCCGGGGAGCCCAGGGCATGGCCGTGTGGTACACC
CGGGGCAGGGGCCATGTAGGCTCTGTCCTTGGGGGGCTGGCTTCGTGGGACGGCATCGGGATCTTCTTT
GACTCTCCGGCAGAGGATACTCAGGACAGTCCTGCCATCCGTGTGCTGGCCAGCGACGGGCACATCCCC
TCTGAGCAGCCTGGGGATGGAGCTAGCCAAGGGCTGGGCTCCTGTCATTGGGACTTCCGGAACCGGCCA
CACCCCTTCAGAGCACGGATCACCTACTGGGGGCAGAGGCTGCGCATGTCCTTGAACAGTGGCCTCACT
CCCAGTGATCCAGGTGAGTTCTGTGTGGATGTGGGGCCCCTGCTTTTGGTCCCTGGAGGTTTCTTTGGG
GTCTCAGCAGCCACCGGCACCCTGGCAGATGATCATGATGTCCTGTCCTTCCTGACCTTCAGCCTGAGT
GAGCCCAGCCCAGAGGTTCCCCCTCAGCCCTTCCTGGAGATGCAGCAGCTCCGCCTGGCGAGGCAGCTG
GAAGGGCTGTGGGCAAGGCTGGGCTTGGGCACCAGGGAGGATGTAACTCCAAAATCAGACTCTGAAGCT
CAAGGAGAAGGGGAAAGGCTCTTTGACCTGGAGGAGACGCTGGGCAGACACCGCCGGATCCTGCAGGCT
CTGCGGGGTCTCTCCAAGCAGCTGGCCCAGGCTGAGAGACAATGGAAGAAGCAGCTGGGGCCCCCAGGC
CAAGCCAGGCCTGACGGAGGCTGGGCCCTGGATGCTTCCTGCCAGATTCCATCCACCCCAGGGAGGGGT
GGCCACCTCTCCATGTCACTCAATAAGGACTCTGCCAAGGTCGGTGCCCTGCTCCATGGACAGTGGACT
CTGCTCCAGGCCCTGCAAGAGATGAGGGATGCAGCTGTCCGCATGGCTGCAGAAGCCCAGGTCTCCTAC
CTGCCTGTGGGCATTGAGCATCATTTCTTAGAGCTGGACCACATCCTGGGCCTCCTGCAGGAGGAGCTT
CGGGGCCCGGCGAAGGCAGCAGCCAAGGCCCCCCGCCCACCTGGCCAGCCCCCAAGGGCCTCCTCGTGC
CTGCAGCCTGGCATCTTCCTGTTCTACCTCCTCATTCAGACTGTAGGCTTCTTCGGCTACGTGCACTTC
AGGCAGGAGCTGAACAAGAGCCTTCAGGAGTGTCTGTCCACAGGCAGCCTTCCTCTGGGTCCTGCACCA
CACACCCCCAGGGCCCTGGGGATTCTGAGGAGGCAGCCTCTCCCTGCCAGCATGCCTGCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_021819

Insert Size: 1581 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).

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:	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_021819.2
RefSeq Size:	1795 bp
RefSeq ORF:	1581 bp
Locus ID:	79748
UniProt ID:	Q9HAT1
Cytogenetics:	15q24.1
MW:	57.1 kDa
Gene Summary:	This gene encodes a mannose-binding type 1 transmembrane protein that contains an N-terminal lectin-like carbohydrate recognition domain. The encoded protein is similar in structure to lectins found in leguminous plants. This lectin is thought to transport newly synthesized glycoproteins from the endoplasmic reticulum (ER) to the ER-Golgi intermediate compartment. [provided by RefSeq, Jan 2017]