

Product datasheet for **RN205820**

Lman1 (NM_053886) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lman1 (NM_053886) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lman1
Synonyms:	p58
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205820 representing NM_053886
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGTGTCCAGGCGGCGGGTCCCCAGGCTGGAGCGCAGTCGTTCTTCTGCGCCTGCTGCTGTCTT
 TCAGCCAATTCGTCGGGAGCGACGGCATGGGAGGAGATGCTGCGGCTCCCGGCCCGCAGGCACCCAGGC
 CGAGTTGCCACACCGCCGTTTCGAGTACAAATACAGCTTTAAGGGCCGCATCTGGTGCAGAGCGATGGG
 ACCGTGCCCTTTTGGGCCACGCGGGGAATGCTATTCCAAGTGCAGATCAGATCCGAATAGCACCGTCTT
 TAAAGAGCCAAAGAGGTTCCGTGTGGACCAAAACAAAAGCAGCCTTCGAGAACTGGGAAGTGAAGTGAC
 ATTCGAGTGACCGGAAGAGGTCGAATTGGAGCTGATGGCTTAGCAATTTGGTATACAGAAAACCAAGGC
 TTGGACGGCCCTGTGTTGGATCAGCTGATATGTGAATGGTGTGGAATATTTTTGATTCTTTTGACA
 ATGACGGAAAGAAAAACAATCCTGCTATAGTAGTTGTAGGCAACAATGGACAAATCAATTATGACCACCA
 AAATGATGGTGCCACTCAAGCCTTAGCGAGTTGTCAGAGGGACTTCCGTAATAAACCTATCCTGTCCGG
 GCAAAGATTACCTATTACCAGAAAACACTGACGGTCATGATCAATAATGGCTTACACCAGATAAAAATG
 ATTATGAATTCGTGCCAAAGTGAAAAATATGGTTATCCCCACGCAAGGGCATTTTGGGATATCTGCTGC
 AACAGGAGGTCCTGCAGATGACCACGATGTTCTCTTTCTGACTTTCCAATAACCGAGCCCGGAAAA
 GAGCCACCTACGCCAGAAAAAGACATTTTCAGAAAAAGAAAAGGAAAAGTATCAAGAGGAGTTGAACACT
 TCCAGCAAGAATTAGACAAGAAGAAGGAGGAATCCAGAAGGGCCACCCTGACCTCCAGGGGCAGCCAGC
 GGATGACATCTTTGAGAGCATAGGGGATCGGGAGCTGAGACAAGTGTGGAAGGACAAAATCGCATTTCAT
 CTGGAGATCAAGCAACTTAACCGGCAGCTGGATATGATTCTCGATGAACAGAGGAGATACGTGTCTTCTC
 TGACAGAGGAGATTTCCAGGAGAGGAGCAGGGACCCAGGACAGCCTGGGCAGGTCTCCCAACAGGAACT
 GGACACTGTTGTGAGGACCCAGCTGGAGATTTTGAGACAAGTGAATGAGATGAAGAAGTCCATGCCTGAG
 ACCATGCGGCTGTTAGTGGCGTCCAGCACCCAGGCTCGGCCGGCGTCTACGAGACAACCCAGCACTTCA
 TGGACATCAAGGAGCACCTGCACATCGTGAAGAGAGATATCGACAGCCTCGCGCAGCGCAGCATGTCATC
 TAATGAAAAACAAAATGCCAGATCTACCAGCATTCCCGTCGTGTCTGTCCACAGTCCACTTTGTGATA
 TTTATAGTGGTGCAGACGGTGTGTTTCATTGGCTACATCATGTACAGGACTCAGCAAGAAGCAGCTGCCA
 AAAAATTCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_053886

Insert Size: 1554 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: [NM_053886.2](#), [NP_446338.1](#)

RefSeq Size: 1743 bp

RefSeq ORF: 1554 bp

Locus ID: 116666

UniProt ID: [Q62902](#)

Cytogenetics: 18q12.1

Gene Summary: calcium-dependent lectin; involved in glycoprotein export from the ER [RGD, Feb 2006]