

Product datasheet for **RC238500**

LMBR1L (NM_001300750) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMBR1L (NM_001300750) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LMBR1L
Synonyms:	LIMR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238500 representing NM_001300750
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTTAATGTGAAAGCCCTTTGTGAACCTGAAGTGAGCAACTGCTGGATGAATGTCATTACGGGCACAG
 GCTCTGTGTCATCTCCTCTCCTAGTGCTCCACAGCCAGGACCAGAGACCTCCCTGATGACTGGGGAACC
 TGTGGATGATGAAGATGCCACCGTCAACAAGATTGCGCTCGAGCTGTGCACCTTTACCCTGGCAATTGCC
 CTGGGTGCTGCTCCTGCTCCTGCCCTTCTCCATCATCAGCAATGAGGTGCTGCTCTCCCTGCCCTCGGAAC
 ACTACATCCAGTGGCTCAACGGCTCCCTCATCCATGGCCTCTGGAACCTTGTTTTCTCTCTCCAACT
 GTCCCTCATCTTCTCATGCCCTTTCATATTTCTTCACTGAGTCTGAGGGCTTTGCTGGCTCCAGAAAG
 GGTGCTCTGGGCCGGTCTATGAGACAGTGGTGTGTTGATGCTCCTCACTCTGCTGGTGTAGGTATGG
 TGTGGGTGGCATCAGCCATTGTGGACAAGAACAAGGCCAACAGAGAGTCACTCTATGACTTTTGGGAGTA
 CTATCTCCCTACCTCTACTCATGCATCTCTTCTTGGGGTTCTGCTGCTCCTGGTGTGTACTCCACTG
 GGTCTCGCCCGCATGTTCTCCGTCACTGGGAAGCTGCTAGTCAAGCCCGGCTGCTGGAAGACCTGGAGG
 AGCAGCTGTACTGCTCAGCCTTTGAGGAGGCAGCCTGACCCGCAGGATCTGTAATCCTACTTCTCTGCTG
 GCTGCCTTTAGACATGGAGCTGTACACAGACAGGTCTGGCTCTGCAGACACAGAGGTCTGCTGGAG
 AAGAGGCGGAAGGCTTCAGCCTGGCAACGGAACCTGGGCTACCCCTGGCTATGCTGTGCTTGTGGTGC
 TGACGGGCTGTCTGTGCTCATTGTGGCATCCACATCTGGAGCTGCTCATCGATGAGGCTGCCATGCC
 CCGAGGCATGCAGGTACCTCCTTAGGCCAGGTCTCCTTCTCAAGCTGGGCTCCTTTGGTGCCGTCACT
 CAGGTTGTACTCATCTTTACCTAATGGTGTCTCAGTTGTGGGCTTCTATAGCTCTCCACTCTTCCGGA
 GCCTGCGGCCAGATGGCACGACACTGCCATGACGAGATAATTGGGAAGTGTGCTGTCTCTGCTGTCTCT
 AAGCTCAGCACTTCTGTCTTCTCTCGAACCCTGGGGCTCACTCGCTTTGACCTGCTGGGTGACTTTGGA
 CGCTTCAACTGGCTGGGCAATTTCTACATTGTGTTCTCTACAACGCAGCCTTTGCAGGCCTCACCACAC
 TCTGTCTGGTGAAGACCTTCACTGCAGCTGTGCGGGCAGAGCTGATCCGGGCCTTTGGGCTGGACAGACT
 GCCGCTGCCCGTCTCCGGTTTCCCCAGGCATCTAGGAAGACCCAGCACCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238500 representing NM_001300750
 Red=Cloning site Green=Tags(s)

MVNVKALCEPEVSNWNVITGTGSVSSPLLVLPPGPETSLMTGEPVDEEDATVNKIALELCTFTLAIA
 LGAVLLLPSFIIISNEVLLSLPRNYIQLNGLIHGLWNLVFLFSNLSLIFLMPFAYFFTESEGFAGSRK
 GVLGRVYETVVMMLLLTLLVLGMVWVASAIVDKNKNANRESLYDFWEYLPYLYSCISFLGVLLLLVCTPL
 GLARMFSVTGKLLVKPRLLLEDLEEQLYCSAFEEAALTRICNPSTCWLPDMEELLHRQVLALQTRVLE
 KRRKASAWQRNLGYPLAMLCLLVLTGLSVLIVAIHILELLIDEAAMPGRMQGTSLGQVSFSKLGSGFAVI
 QVVLIFYLMVSSVVGIFYSSPLFRSLRPRWHDAMTQIIGNCVCLLVSSALPVFSRTLGLTRFDLLGDFG
 RFNWLGNFYIVFLYNAFAGLTTLCLVKFTAAVRAELIRAFGLDRLPLPVSGFPQASRKTQHQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001300750

ORF Size: 1452 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001300750.1](#), [NP_001287679.1](#)

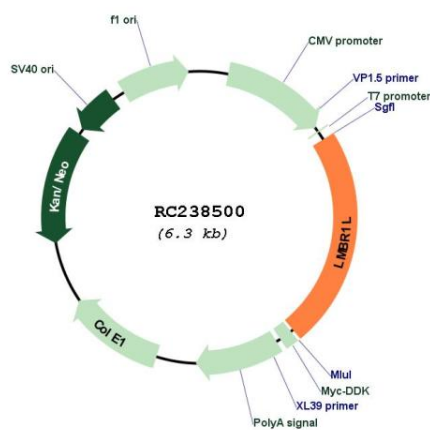
RefSeq Size: 2563 bp

RefSeq ORF: 1455 bp

Locus ID: 55716

UniProt ID: [Q6UX01](#)
 Cytogenetics: 12q13.12
 Protein Families: Druggable Genome, Transmembrane
 MW: 54.3 kDa
 Gene Summary: Probable LCN1 receptor. May mediate LCN1 endocytosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238500