

Product datasheet for **RN209725**

Lgmn (NM_022226) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lgmn (NM_022226) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lgmn
Synonyms:	Prsc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209725 representing NM_022226
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCTGAAAAGTGGCTGTGCTTCTCAGCCTAGTGCTGGGTGCTGGTGTGTTACATCGGTGTGGATG
 ACCCTGAGGACGGTGCCAAGCACTGGGTGGTATTGTGGCGGGCTCCAATGGCTGGTATAATTACCGACA
 CCAGGCAGACGCATGCCACGCCTACCAGATCATCCACCGAACGGGATTCTGACGAGCAGATCATAGTG
 ATGATGTATGACGACATCGCAACAATGAAGAAAACCGACTCCAGGTGTTGTGATCAACCGACCTAACG
 GCACAGACGTGTACAAGGGAGTCCGAAGGACTACACTGGAGAGGATGTGACTCCAGAGAATTTCTCGC
 AGTGCTGAGAGGCGACGAAGAAGCTGTGAAGGGCAAAGGGTCCGAAAAGTCTTGAAGAGTGGGCCCCGG
 GATCATGTATTTGTTTACTTCACCGACCACGGAGCCACTGGAATCCTGGTGTTCCTAACGAAGATCTTC
 ATGTCAAGGACCTGAATAAGACTATTCGCTACATGTATGAGCACAAAATGTACCAGAAGATGGTGTTTTA
 CATTGAAGCATGTGAGTCCGGTCCATGATGAACCACCTGCCCGATGACATCGATGTTTATGCAACCACT
 GCCGCCAACCCCAACGAGTCATCTTACGCTGCTACTATGACGAGGAGAGGAGCACTTACCTGGGTGACT
 GGTACAGCGTCAACTGGATGGAAGATCCGATGTGGAGGATCTGACCAAGAGACTTCCACAAGCAGTA
 CCACCTGGTCAAGTCCCACACCAACACCAGTCAAGTATGCGATGCGAATGCGAACAATCTATCTCTACCATG
 AAAGTGATGCAGTTTCAAGGAATGAAGCACAGAGCCAGTTCACCCATCTCGCTGCCTCCAGTACACACC
 TTGACCTCACCCACGCCCTGACGTGCCCTGACCATCTGAAAAGGAAGCTGCTGAGAACCAACAACAT
 GAAGGAATCCCAAGTTCTCGTCGGGCAGATCCAGCACCTTCTGGATGCCAGGCACATCATTGAGAAGTCT
 GTGCAAAAGATCGTTTCCCTGCTGGCAGGATTTGGGAAACTGCTCAGAAACATCTGTGAGAGAGGCCA
 TGCTCACAGCACATGACTGCCATCAGGAGGCCGTGACCCACTCCGCACACACTGCTTTAACTGGCACTC
 AGTCACGTACGAGCATGCCTTCCGGTATTTGTAGTGCTGGCCAACCTCTGTGAGAAGCCATATCCGATT
 GACAGGATAAAGATGGCCATGGACAAAGTGTGCCTTAGTCACTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1628_c12.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_022226

Insert Size: 1308 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_022226.2](#), [NP_071562.2](#)
RefSeq Size: 1843 bp
RefSeq ORF: 1308 bp
Locus ID: 63865
UniProt ID: [Q9R0J8](#)
Cytogenetics: 6q32
Gene Summary: putative cysteine protease [RGD, Feb 2006]