

Recombinant Human LGMN protein, His-tagged

Cat. No. LGMN-4655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGMN protein(Q99538)(18-433 aa), fused with N-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	18-433 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	49.7 kDa
AASequence	VPIDDPEDGGKHWVIVAGSNGWYNRYHQADACHAYQIIHRNGIPDEQIVVMYDDI AYSEDNPTPGIVINRPNGTDVYQGVPKDYTGEDVTPQNFLAVLRGDAAVKIGISG KVLKSGPQDHFVFIYFTDHGSTGILVFPNEDLHVKDLNETIHYMYKHKMYRKMVFYIEA CESGSMNMNHLPDNINVYATTAANPRESSYACYDEKRSTYLGDWYSVNW MEDSDV EDLTKETLHKQYHLVKSHNTNTSHVMQYGNKTISTMKVMQFQGMKRKASSPVPLPPV THLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEIQRHLDARHLIEKSVRKIVSLAA SEAEVEQLLSERAPLTGHSCYPEALLHFRTHCFNWHSPTYEYALRHLYVLVNLCEKP YPLHRIKLSMDHVCLGHY

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Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name	LGMN legumain [Homo sapiens]
Official Symbol	LGMN
Synonyms	LGMN; legumain; protease, cysteine, 1 (legumain) , PRSC1; LGMN1; cysteine protease 1; protease, cysteine 1; asparaginyl endopeptidase; protease, cysteine, 1 (legumain); AEP; PRSC1;
Gene ID	5641
mRNA Refseq	NM_001008530
Protein Refseq	NP_001008530
MIM	602620
UniProt ID	Q99538

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