

Recombinant Human LGMN protein, His-tagged

Cat. No. LGMN-3171H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGMN protein(Q99538)(18-323aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-323aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	38.8 kDa
AA Sequence	VPIDDPEDGGKHWVIVAGSNGWYNYRHQADACHAYQIIHRNGIPDEQIVVMYDDI AYSEDNPTPGIVINRPNGTDVYQGVPKDYTGEDVTPQNFLAVLRGDAAEAVKIGIGSG KVLKSGPQDHFVFIYFTDHGSTGILVFPNEDLHVKDLNETIHYMYKHKMYRKMVFYIEA CESGSMNHLPDNINVYATTAANPRESSYACYDEKRSTYLGDWYSVNW MEDSDV EDLTKETLHKQYHLVKSHNTNTSHVMQYGNKTISTMKVMQFQGMKRKASSPVPLPPV THLDLTPSPDVPLTIMKRKLMNTN
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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