

## Recombinant Mouse LGMN Protein

Catalog #	Source	Reactivity	Applications
CRP1899	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse LGMN Protein is produced by our mammalian expression system and the target gene encoding Val18-Tyr435 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, pH8.0.		
<b>Gene Symbol</b>	LGMN		
<b>Alternative Names</b>	PRSC1; Legumain; Asparaginyl endopeptidase; Protease, cysteine 1		
<b>Entrez Gene</b>	19141 (Mouse)		
<b>SwissProt</b>	O89017 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	VPVGVDDPED GGKHWVIVA GSNGWYNYRH QADACHAYQI IHRNGIPDEQ IIVMMYDDIA NSEENPTPGV VINRPNGTDV YKGVLDYTG EDVTPENFLA VLRGDAEAVK GKGSGKVLKS GPRDHVFIYF TDHGATGILV FPNDLHVVD LNKTIYRMYE HKMYQKMVFY IEACESGSMN NHLPDDINVY ATTAANPKES SYACYDEER GTYLGDWYSV NWMEDSDVED LTKETLHKQY HLVKSHTNTS HVMQYGNKSI STMKVMQFQG MKHRASSPIS LPPVTHLDT PSPDVPLTIL KRKLLRTNDV KESQNLIGQI QQFLDARHVI EKSVHKIVSL LAGFGETAER HLSERTMLTA HDCYQEAVTH FRTHCFNWHV VTYEHALRYL YVLANLCEAP YPIDRIEMAM DKVCLSHYVD HHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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