

Recombinant Human LGMN Protein

Catalog #	Source	Reactivity	Applications
CRP1898	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human LGMN Protein is produced by our Mammalian expression system and the target gene encoding Ile18-Tyr433 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH8.0.		
Gene Symbol	LGMN		
Alternative Names	PRSC1; Legumain; Asparaginyl endopeptidase; Protease, cysteine 1		
Entrez Gene	5641 (Human)		
SwissProt	Q99538 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	IPIDDPEDGG KHWVVIVAGS NGWYNYRHQA DACHAYQIIH RNGIPDEQIV VMMYDDIAYS EDNPTPGIVI NRPNGTDVYQ GVPKDYTGED VTPQNFLAVL RGDAEAVKGI GSGKVLKSGP QDHVFIYFTD HGSTGILVFP NEDLHVKDLN ETIHMYKHK MYRKMFVYIE ACESGSMNNH LPDNINVYAT TAANPRESSY ACYDEKRST YLGDWYSVNW MEDSDVEDLT KETLHKQYHL VKSHTNTSHV MQYGNKTIST MKVMQFQGMK RKASSPVPLP PVTHLDLTPS PDVPLTIMKR KLMNTNDLEE SRQLTEEIQR HLDARHLIEK SVRKIVSLLA ASEAEVEQLL SERAPLTGHS CYPEALLHFR THCFNWHSPY YEYALRHLYV LVNLCEKPYP LHRIKLSMDH VCLGHYVDHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	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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