

Human LGMN Recombinant Protein



RPPB1902

Product Information Protein Information

Product SKU:

RPPB1902

Accession:

Q99538

Host:

Sf9, Baculovirus cells.

Protein description:

LGMN produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (18-433 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 422 amino acids and having a molecular mass of 48.4kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). LGMN is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Legumain, PRSC1, Protease, Cysteine, 1 (Legumain), Asparaginyl Endopeptidase, Protease, Cysteine 1, EC 3.4.22.34, Cysteine Protease 1, LGMN1, AEP.

Formulation:

LGMN protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

VPIDDPEDGG KHWVVIVAGS NGWYNYRHQA DACHAYQIIH RNGIPDEQIV VMMYDDIAYS EDNPTPGIVI
NRPNGTDVYQ GVPKDYTGED VTPQNFLAVL RGDAEAVKGI GSGKVLKSGP QDHVFIYFTD HGSTGILVFP
NEDLHVKDLN ETIHYMYKHK MYRKMVFYIE ACESGSMNH LPDNINVYAT TAANPRESSY ACYDEKRST
YLGDWYSVNW MEDSDVEDLT KETLHKQYHL VKSHTNTSHV MQYGNKTIST MKVMQFQGMK RKASSPVPLP
PVTHLDLTPS PDVPLTIMKR KLMNTNDLEE SRQLTEEIQR HLDARHLIEK SVRKIVSLLA ASEAEVEQLL
SERAPLTGHS CYPEALLHFR THCFNWSPT YEYALRHLYV LVNLCEKYPY LHRIKLSMDH VCLGHYHHHH HH.