ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Legumain Human Recombinant

Item Number	rAP-1608
Synonyms	Legumain, PRSC1, Protease, Cysteine, 1 (Legumain), Asparaginyl Endopeptidase, Protease, Cysteine 1, EC 3.4.22.34, Cysteine Protease 1, LGMN1, AEP.
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 propri-
Uniprot Accesion Number	Q99538
Amino Acid Sequence	VPIDDPEDGG KHWVVIVAGS NGWYNYRHQA DACHAYQIIH RNGIPDEQIV VMMYDDIAYS EDNPTPGIVI NRPNGTDVYQ GVPKDYTGED VTPQNFLAVL RGDAEAVKGI GSGKVLKSGP QDHVFI-YFTD HGSTGILVFP NEDLHVKDLN ETIHYMYKHK MYRKMVFYIE ACESGSMMNH LPDNINVYAT TAAN-PRESSY ACYYDEKRST YLGDWYSVNW MEDSDVEDLT KETLHKQYHL VKSHTNTSHV MQYGNKTIST MKVMQFQGMK RKASSPVPLP PVTHLDLTPS PDVPLTIMKR KLMNTNDLEE SRQLTEEIQR HLDARHLIEK SVRKIVSLLA ASEAEVEQLL SERAPLTGHS CYPEALLHFR THCFNWHSPT YEYALRHLYV LVNLCEKPYP LHRIKLSMDH VCLGHYHHHH HH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	LGMN protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com