

Legumain Mouse Recombinant

Item Number	rAP-1610
Synonyms	Legumain, Asparaginyl endopeptidase, Protease, cysteine 1.
Description	LGMN produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 426 amino acids (18-435a.a.) and having a molecular mass of 48.6kDa. (Molecular size on SDS-PAGE will appear at
Uniprot Accession Number	O89017
Amino Acid Sequence	VPVGVDDPED GGKHWVVIVA GSNGWYNYRH QADACHAYQI IHRNGIPDEQ IIVMMYDDIA NSEENPTPGV VINRPNGTDV YKGVLDKDTG EDVTPENFLA VLRGDAEAVK GKGSGKVLKS GPRDHVFIYF TDHGATGILV FPNDLHVKD LNKTIRYMYE HKMYQKMFY IEACESGSMM NHLPDDINVY ATTAANPKES SYACYYDEER GTYLGDWYSV NWMEDSDVED LTKETLHKQY HLVKSHTNTS HVMQYGNKSI STMKVMQFQG MKHRASSPIS LPPVTHLDLT PSPDVPLTIL
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 (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% 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**