

Active Recombinant Mouse Lgmn Protein, His-tagged

Cat. No. Lgmn-1059M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lgmn (Accession # O89017) Val18-Tyr435, fused with an N-terminal 7-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Val18-Tyr435
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, N-carbobenzoyloxy-Ala-Ala-Asn-7-amido-4-methylcoumarin (Z-AAN-AMC). The specific activity is >350 p mol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Lgmn, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 61 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Lgmn legumain [Mus musculus]
Official Symbol	Lgmn
Synonyms	LGMN; legumain; preprolegumain; protease, cysteine 1; protease, cysteine, 1; asparaginyl endopeptidase; AEP; Prsc1; AI746452; AU022324;
Gene ID	19141
mRNA Refseq	NM_011175
Protein Refseq	NP_035305
MIM	

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