

## Active Recombinant Mouse Lgmn Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Lgmn (Accession # O89017) Val18-Tyr435, fused with an N-terminal 7-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Val18-Tyr435
<b>Predicted N Terminal</b>	His
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Glycerol.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate, N-carbobenzyloxy-Ala-Ala-Asn-7-amido-4-methylcoumarin (Z-AAN-AMC). The specific activity is >350 p mol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Lgmn, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 61 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



## 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**

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA