

Recombinant Mouse Lum protein, His-tagged

Cat. No. Lum-7046M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lum aa. (Gln19~Asn338) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln19~Asn338
Form	Freeze-dried powder
Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

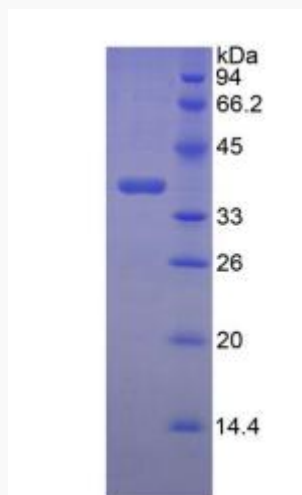
Gene Name	Lum lumican [Mus musculus (house mouse)]
Official Symbol	Lum
Synonyms	Lum; lumican; Ldc; SLRR2D; KSPG lumican; keratan sulfate proteoglycan lumican
Gene ID	17022
mRNA Refseq	NM_008524.2
Protein Refseq	NP_032550.2
UniProt ID	P51885

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SDS-PAGE



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