

Recombinant Rat LUM Protein (19-338 aa), His-tagged

Cat. No. LUM-1936R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat LUM Protein (19-338 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	E.coli
ProteinLength	19-338 aa
Form	Tris-based buffer,50% glycerol
Molecular Mass	40.5 kDa
AA Sequence	QYYDYDAPLFMYGELSPNCAPECNCPHSYPTAMYCDDLKLKSVPMVPPGIKYLYLR NNQIDHIDEKAFENVTDLQWLILDHNLLENSKIKGKVFSKLKQLKKLHINYNNLTESVG PLPKSLQDLQLANNKISKLGSGDGLVNLTFIYLQHNQLKEEAVSASLKGLKSLEYLDL SFNQMSKLPAGLPTSLLTLYLDNNKITNIPDEYFNRFTGLQYLRLSHNELADSGVPGN SFNISSLELDLSYNKLKSIPTVNENLENYYLEVKNLEKFDVKSFCKILGPLSYSKIKHL RLDGNPLTQSSLPPDMYECLRVANEITVN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name Lum lumican [*Rattus norvegicus*]

Official Symbol LUM

Synonyms LUM; lumican; KSPG lumican; keratan sulfate proteoglycan lumican;

Gene ID 81682

mRNA Refseq NM_031050

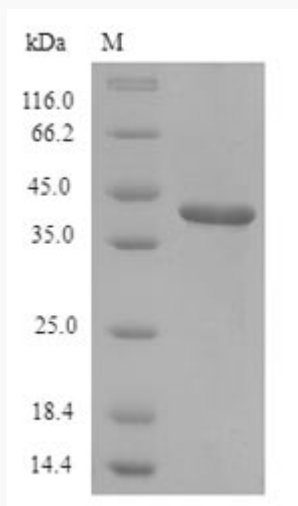
Protein Refseq NP_112312

UniProt ID P51886

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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