

Recombinant Human LUM, His tagged

Cat. No. LUM-3223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LUM (NP_002336.1) (Met 1-Asn 338), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Met 1-Asn 338
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant human LUM consists of 331 amino acids and has a calculated molecular mass of 38 kDa. The apparent molecular mass of the protein is approximately 45-55 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	LUM lumican [Homo sapiens]
Official Symbol	LUM
Synonyms	LUM; lumican; LDC; lumican proteoglycan; SLRR2D; KSPG lumican; keratan sulfate proteoglycan lumican;
Gene ID	4060
mRNA Refseq	NM_002345
Protein Refseq	NP_002336
MIM	600616
UniProt ID	P51884

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