

Recombinant Human LUM protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LUM protein(NP_002336.1) (Met 1-Asn 338) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-338 aa
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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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

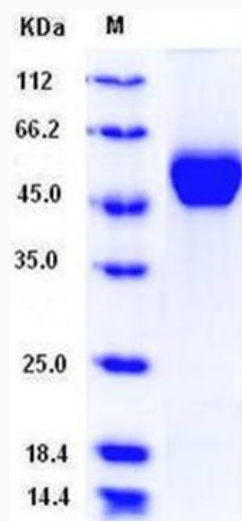
Gene Name	LUM lumican [Homo sapiens]
Official Symbol	LUM
Synonyms	LUM; lumican; LDC; lumican proteoglycan; SLRR2D; KSPG lumican; keratan sulfate proteoglycan lumican;
Gene ID	4060
mRNA Refseq	NM_002345
Protein Refseq	NP_002336
MIM	600616
UniProt ID	P51884

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SDS-PAGE



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