

Lumican (LUM) Recombinant Protein | LUM recombinant protein

Recombinant Lumican (LUM)

CATALOG # AAA134190	HOST E Coli	REACTIVITY Mouse	APPLICATIONS Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page
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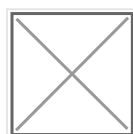
PRODUCT SYNONYMS

Lumican (LUM); Recombinant Lumican (LUM); LUM recombinant protein

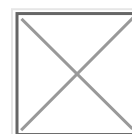
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	> 92%
Form/Format	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300
Concentration	200ug/mL (varies by lot)
Applicable Applications for LUM recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Residues	Gln19~Asn338
Tags	N-terminal His-Tag
Tissue Specificity	Brain
Subcellular Location	Secreted, extracellular space, extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Predicted Molecular Mass	37.8kDa
Accurate Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	<p>Storage:Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.</p> <p>Stability Test: 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 degree 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.</p>

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	160333372
NCBI GeneID	17022
NCBI Accession #	NP_032550.2
NCBI GenBank Nucleotide #	NM_008524.2
UniProt Accession #	P51885; Q3TP25; Q99JZ3; Q9C XK0
NCBI Official Full Name	lumican
NCBI Official Synonym Full Names	lumican
NCBI Official Symbol	Lum
NCBI Official Synonym Symbols	Ldc; SLRR2D
NCBI Protein Information	lumican; KSPG lumican; keratan sulfate proteoglycan lumican
UniProt Protein Name	Lumican
UniProt Gene Name	Lum
UniProt Synonym Gene Names	Lcn; Ldc; KSPG lumican
UniProt Entry Name	LUM_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lum-recombinant-protein-e-coli-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134190>