

# Mouse LUM Recombinant Protein



RPPB5903

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## Product Information    Protein Information

**Product SKU:**

RPPB5903

**Accession:**

P51885

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

LUM Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 328 amino acids (19-338 a.a) and having a molecular mass of 37.5kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).LUM is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Lum, Ldc, SLRR2D, Lumican, Keratan sulfate proteoglycan lumican, KSPG lumican.

**Formulation:**

LUM protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 20% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

QYYDYDIPLF MYGQISPNCA PECNCPHSYP TAMYCDDLKL KSVPMVPPGI KYLYLRNNQIDHIDEKAFEN  
VTDLQWLILD LLENSKIK GKVFSKLLQL KKLHINYNNL TESVGPLPKSLQDLQLTNNK ISKLGSDGL  
VNLTFIYLQH NQLKEDAVSA SLKGLKSLEY LDLSFNQMSKLPAGLPTSL TLYLDNNKIS NIPDEYFKRF  
TGLQYLRLSH NELADSGVPG NSFNISSLELDLSYNKLKS IPTVNENLEN YYLEVNELEK FDVKSFKIL  
GPLSYSKIKH LRLDGNPLTQ SSLPPDMYEC LRVANEITVN VEHHHHHH.