

Human LUM Recombinant Protein



RPPB3889

Product Information Protein Information

Product SKU:

RPPB3889

Accession:

P51884

Host:

Sf9, Baculovirus cells.

Protein description:

LUM Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 329 amino acids (19-338 aa) and having a molecular mass of 37.7kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).LUM is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Lumican, LDC, Lumican Proteoglycan, Keratan Sulfate Proteoglycan Lumican, SLRR2D, KSPG Lumican.

Formulation:

LUM protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% 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:

ADLQYYDYDF PLSIYGQSSP NCAPECNCPE SYPSAMYCDE LKLKSVPMVP PGIKYLYLRN NQIDHIDEKA
FENVTDLQWL ILDHNLLENS KIKGRVFSKL KQLKHLHINH NNLTESVGPL PKSLEDLQLT HNKITKLGSF
EGLVNLTFIH LQHNRLKEDA VSAAFKGLKS LEYLDLSFNQ IARLPSGLPV SLLTLYLDNN KISNIPDEYF
KRFNALQYLR LSHNELADSG IPGNSFNVSS LVELDLSYNK LKNIPTVNEN LENYYLEVNQ LEKFDIKSFC
KILGPLSYSK IKHLRLDGNR ISETSLPPDM YECLRVANEV TLNHHHHHH