

Human LUM Recombinant Protein



RPPB3888

Product Information Protein Information

Product SKU:

RPPB3888

Accession:

P51884

Host:

Escherichia Coli.

Protein description:

LUM Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (19-338a.a) and having a molecular mass of 39kDa. LUM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

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

Formulation:

LUM protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 90.0% 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). Please avoid freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSQYYDYDF PLSIYGQSSP NCAPECNCPE SYPSAMYCDE LKLKSVPMVP
PGIKYLYLRN NQIDHIDEKA FENVTLQWL ILDHNLLENS KIKGRVFSKL KQLKHLHINH NNLTESVGPL
PKSLEDLQLT HNKITKLGSF EGLVNLFH LQHNRLKEDA VSAAFKGLKS LEYLDLSFNQ IARLPSGLPV
SLLTLYLDNN KISNIPDEYF KRFNALQYLR LSHNELADSG IPGNSFNVSS LVELDLSYNK LKNIPTVNEN
LENYYLEVNQ LEKFDIKSFC KILGPLSYK IKHLRLDGNR ISETSLPPDM YECLRVANEV TLN.