

Lumican Human Recombinant, Sf9

Item Number	rAP-4320
Synonyms	Lumican, LDC, Lumican Proteoglycan, Keratan Sulfate Proteoglycan Lumican, SLRR2D, KSPG Lumican.
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
Uniprot Accesion Number	P51884
Amino Acid Sequence	ADLQYYDYDF PLSIYGQSSP NCAPECNCE SYPSAMYCDE LKLKSVPMVP PGIKYLRLRN NQIDHIDEKA FENVTDLQWL ILDHNLLENS KIKGRVFSKL KQLKKLHINH NNLTESVGPL PKSLEDLQLT HNKITKLGSF EGLVNLTFIH LQHNRLKEDA VSAAFKGLKS LEYLDLSFNQ IARLP SGLPV SLLTLYLDNN KISNIPDEYF KRFNALQYLR LSHNELADSG IPGNSFNVSS LVELDLSYNK LKNIPTVNEN LENYYLEVNQ LEKFDIKSFC KILGPLSYSK IKHLRLDGNR ISETSLPPDM YECLRVANEV TLNHHHHHHH
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	LUM protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**