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LUM, 19-338aa, Human, His-tag, Baculovirus

产品货号: TP02858

第三版

别名:Lumican, LUM, LDC, SLRR2D.

描述:LUM, also known as lumican, is a member of the class II small leucine-rich proteoglycan family. It is a major component of the cornea, dermal, and muscle connective tissues. It regulates collagenous matrix assembly as a keratan sulfate proteoglycan in the cornea and is also present in the connective tissues of other organs and embryonic corneal stroma as a glycoprotein. It may regulate collagen fibril organization and circumferential growth, corneal transparency, and epithelial cell migration and tissue repair. Recombinant human LUM, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:37.7kDa (329aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

ADLQYYDYDFPLSIYGQSSPNCAPCNCPEPSYPSAMYCDELKLSVPMVPPGIKYLRLRNNQIDHIDEKAFENVTDLQWLIL
DHNLLENSKIKGRVFSKQLKQLKHLHINHNLTESVGPLPKSLEDLQLTHNKITKLGSEGLVNLTFIHLQHNRLKEDAVSAA
FKGLKSLEYLDLSFNQIARLPSGLPVSLTLYLDNNKISNIPDEYFKRFNALQYLRSLHNEADSGIPGNSFNVSSLVELDLSYN
KLKNIPTVNENLENYYLEVNQLEKFDIKSFCKILGPLSYSKIKHLRLDGNRISETSLPPDMYECLRVANEVTLNHHHHHH

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.