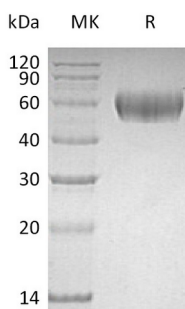


概述 (Summary)

英文全称	Lumican/LUM/LDC
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Lumican is produced by our Mammalian expression system and the target gene encoding Gln19-Asn338 is expressed with a 6His tag at the C-terminus.
Accession #	P51884
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	37.7 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.2.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human Lumican (C-6His)
Catalog #: PHH1108



背景 (Background)

分子别名 (Alternative Names)

Lumican; Keratan Sulfate Proteoglycan Lumican; KSPG Lumican; LUM; LDC; SLRR2D

背景介绍 (References)

Lumican is a 40 kD secreted protein which belongs to the small leucine-rich repeat proteoglycans (SLRPs) and the class II subfamily. Human Lumican is synthesized as a 338 amino acid precursor then cut the 18 aa signal sequence. The mature Human Lumican contains 12 leucine-rich repeats (LRRs), 4 potential sites of N-linked glycosylation, and a C- terminal with two conserved cyst-eines. Lumican can be existed in extracellular matrix of human articular cartilage. Lumican participates in the maintenance of tissue homeostasis and regulates cellular functions in vivo, such as cell proliferation, adhesion, migration, and differentiation. The overexpression of lumican has been correlated to colorectal tumor, breast, neuroendocrine, and pancreatic cancers.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.