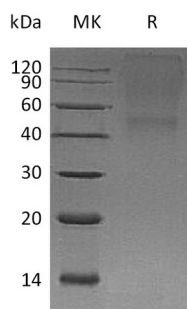


概述 (Summary)

英文全称	Biglycan
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 Biglycan is produced by our Mammalian expression system and the target gene encoding Glu20-Lys368 is expressed with a 6His tag at the C-terminus.
Accession #	P21810
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	40.47 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 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 BGN (C-6His)
Catalog #: PHH0153



背景 (Background)

分子别名 (Alternative Names)

Biglycan; Bone/Cartilage Proteoglycan I; PG-S1; BGN; SLRR1A

背景介绍 (References)

Biglycan is a 200-350 kD proteoglycan consisting of a 45 kD core protein and two chondroitin/dermatan sulfate glycosaminoglycan chains. Biglycan binds to TGF- β . It also binds to collagen type I in low ionic strength (less than 3 mM phosphate) buffer. At higher ionic strengths, Biglycan does not bind to collagen type I. It enhances the inhibition effect of TGF- β on osteoclast proliferation at a concentration of 4-20 mg/ml. It also prevents the attachment of CHO cells to fibronectin, with a 50% inhibition at 17-21 mg/ml.

注意事项 (Note)

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