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Datasheet for ABIN7505635

Biglycan Protein (BGN) (AA 20-368) (His tag)

Overview

Quantity:	100 µg
Target:	Biglycan (BGN)
Protein Characteristics:	AA 20-368
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Biglycan protein is labelled with His tag.

Product Details

Sequence:	Glu20-Lys368
Characteristics:	A DNA sequence encoding the Human BGN protein (P21810) (Glu20-Lys368) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Biglycan (BGN)
Alternative Name:	Biglycan (BGN Products)
Background:	Background: 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-?. It also binds to collagen type I in low ionic strength (less than 3 mM phosphate) buffer. At Synonym: Biglycan, Bone/Cartilage Proteoglycan I, PG-S1, BGN, SLRR1A

Target Details

Molecular Weight: 40.37 kDa

UniProt: [P21810](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months