

Datasheet for ABIN7607375

Biglycan Protein (BGN) (AA 38-368) (His tag)



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Overview

Quantity:	50 µg
Target:	Biglycan (BGN)
Protein Characteristics:	AA 38-368
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Biglycan protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human BGN Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit the cell growth of mouse embryonic fibroblast adipose-like cells (mouse 3T3-L1). The ED50 for this effect is 1.5-6 µg/mL.

Target Details

Target:	Biglycan (BGN)
Alternative Name:	SLRR1A (BGN Products)

Target Details

Background:	SLRR1A, PG-S1, BGN, Biglycan, Bone/cartilage proteoglycan I
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UniProt:	P21810
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Pathways:	Glycosaminoglycan Metabolic Process
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
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Expiry Date:	12 months
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