

Datasheet for ABIN7607407

Biglycan Protein (BGN) (AA 38-369) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Biglycan (BGN)
Protein Characteristics:	AA 38-369
Origin:	Mouse
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 Mouse 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 (3T3-L1). The ED50 for this effect is 0.75-3.5 µg/mL.

Target Details

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

Target Details

Background:	SLRR1A, PG-S1, BGN, Biglycan, Bone/cartilage proteoglycan I,
UniProt:	P28653
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

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

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
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.
Expiry Date:	12 months