

BGN 抗原（重组蛋白）

中文名称：BGN 抗原（重组蛋白）

英文名称： BGN Antigen (Recombinant Protein)

别名： PGI; DSPG1; PG-S1; SLRR1A

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 38-338 amino acids of human BGN

技术规格：

Full name:	biglycan
Synonyms:	PGI; DSPG1; PG-S1; SLRR1A
Swissprot:	P21810
Gene Accession:	BC002416
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to two other small proteoglycans, decorin and fibromodulin. The encoded protein and decorin are thought to be the result of a gene duplication. Decorin contains one attached glycosaminoglycan chain, while this protein probably contains two chains. For this reason, this protein is called biglycan. This protein plays a role in assembly of collagen fibril

s and muscle regeneration. It interacts with several proteins involved in muscular dystrophy, including alpha-dystroglycan, alpha- and gamma-sarcoglycan and collagen VI, and it is critical for the assembly of the dystrophin-associated protein complex.