

Recombinant Human BGN

Catalog No: #GP11282



Package Size: #GP11282-1 100ug

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Description

Product Name	Recombinant Human BGN
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 38-338 amino acids of human biglycan
Target Name	biglycan
Other Names	PGI; DSPG1; PG-S1; SLRR1A
Accession No.	Swissprot:P21810Gene Accession:BC002416
Uniprot	P21810
GeneID	633;
Storage	-20~-80°C, pH 7.6 PBS

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 fibrils 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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