

PRODUCT INFORMATION

Target	Biglycan
Synonyms	DSPG1; MRLS; PG-S1; PGI; SEMDX; SLRR1A
Description	Purified recombinant protein of Human biglycan (BGN), full length, with N-terminal HIS tag
Delivery	1-2 weeks
Uniprot ID	P21810
Expression Host	E. coli
Tag	N-His
Molecular Characterization	N/A
Molecular Weight	39.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	50mM Tris, 8M Urea, pH8.0.
Storage & Shipping	Store at -80°C.
Background	This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein, which plays a role in bone growth, muscle development and regeneration, and collagen fibril assembly in multiple tissues. This protein may also regulate inflammation and innate immunity. Additionally, the encoded protein may contribute to atherosclerosis and aortic valve stenosis in human patients. This gene and the related gene decorin are thought to be the result of a gene duplication. [provided by RefSeq, Nov 2015]
Usage	Research use only
Conjugate	Unconjugated



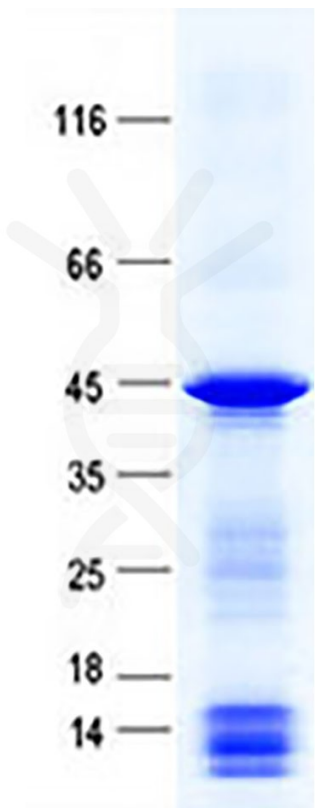


Figure 1. Human Biglycan (BGN) Protein, His Tag on SDS-PAGE

