

## PRODUCT INFORMATION

<b>Target</b>	Biglycan
<b>Synonyms</b>	DSPG1; MRLS; PG-S1; PGI; SEMDX; SLRR1A
<b>Description</b>	Purified recombinant protein of Human biglycan (BGN), full length, with N-terminal HIS tag
<b>Delivery</b>	1-2 weeks
<b>Uniprot ID</b>	P21810
<b>Expression Host</b>	E. coli
<b>Tag</b>	N-His
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	39.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	50mM Tris, 8M Urea, pH8.0.
<b>Storage&amp;Shipping</b>	Store at -80°C. 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]
<b>Background</b>	Research use only
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



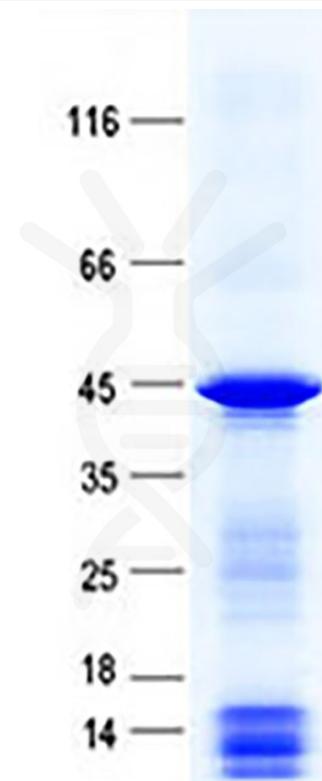


Figure 1. Human Biglycan (BGN) Protein, His Tag on SDS-PAGE

