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Product Datasheet

Recombinant Human Biglycan/BGN Protein ABB-RP00141

Article Name	Recombinant Human Biglycan/BGN Protein
Biozol Catalog Number	ABB-RP00141
Supplier Catalog Number	RP00141
Alternative Catalog Number	ABB-RP00141-20UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Asp38-Lys368
Product Description	Biglycan, also known as PG I, is a secreted chondroitin/dermatan sulfate proteoglycan in the small leucine-rich proteoglycan (SLRP) family. The protein plays a role in bone growth, muscle development and regeneration, and collagen fibril assembly i...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	38.08 kDa
NCBI	633
UniProt	P21810
Purity	85% as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Target	Biglycan/BGN
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Other Recombinant Protein