

Recombinant Human BGN protein, His-tagged

Cat. No. BGN-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BGN protein(P21810)(Glu20-Lys368) is expressed in HEK293 with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	20-368 aa
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Molecular Mass	40.47 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	BGN biglycan [Homo sapiens]
Official Symbol	BGN
Synonyms	BGN; biglycan; biglycan proteoglycan; DSPG1; SLRR1A; bone/cartilage proteoglycan I; bone/cartilage proteoglycan-I; small leucine-rich protein 1A; dermatan sulphate proteoglycan I; PGI; PG-S1;
Gene ID	633
mRNA Refseq	NM_001711
Protein Refseq	NP_001702
MIM	301870
UniProt ID	P21810

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SDS-PAGE

