

Recombinant Human BGN protein (Asp38-Lys368), His-tagged

Cat. No. BGN-44H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BGN (NP_001702.1) (Asp38-Lys368) protein, fused with a polyhistidine tag at the C-terminus, was expressed in Baculovirus-Insect Cells.
Species	Human
Source	HEK293
ProteinLength	38-368 a.a.
CommonName	BGN
Predicted N Terminal	Asp 38
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human BGN consists of 342 amino acids and predicts a molecular mass of 38.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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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