

Recombinant Human BGN protein, His-SUMO & Myc-tagged

Cat. No. BGN-2590H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BGN protein(P21810)(38-368aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-368aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.2 kDa
AA Sequence	DEEASGADTSGVLPDSVTPTYSAMCPFGCHCHLRVVQCSDLGLKSVPKEISPDTT LLDLQNNDISELRKDDFKGLQHLYALVLVNNKISKIHEKAFSPRLKLQKLYISKNHLEI PPNLPSSLVELRIHDNRIRKVPKGVFSGLRNMNCIEMGGNPLENSGFEPGAFDGLKL NYLRISEAKLTGIPKDLPETLNELHLDHNKIQAIELEDLLRYSKLYRLGLGHNQIRMIEN GSLSFLPTLRELHLDNNKLARVPSGLPDLKLLQVVYLHSNNITKVGVNDFCPMGFGV KRAYYNGISLFNNPVPYWEVQPATFRCVTDRLAIQFGNYKK
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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