

Recombinant Mouse Bgn protein, His-tagged

Cat. No. Bgn-2591M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bgn protein(P28653)(38-369aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	38-369aa
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	43.4 kDa
AA Sequence	DEEASGSDTTSGVPDLDSVTPTFSAMCPFGCHCHLRVVQCSDLGLKTVPKEISPD TLLDLQNNDISELRKDDFKGLQHLYALVLVNNKISKIHEKAFSPLRKLQKLYISKNHLV EIPPNLPSSELVELRIHDNRIRKVPKGVFSGLRNMNCIEMGGNPLENSGFEPGAFDGL KLNYLRISEAKLTGIPKDLPETLNELHLDHNKIQAIELEDLLRYSKLYRLGLGHNQIRMI ENGSLFLPTLRELHLDNNKLSRVPAGLPDLKLLQVVYLHSNNITKVGINDFCPMGFG VKRAYYNGISLFNNPVPYWEVQPATFRCVTDRLAIQFGNYKK
Purity	Greater than 85% 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 [Mus musculus]

Official Symbol

Bgn

Synonyms

BGN; biglycan; bone/cartilage proteoglycan I; BG; PGI; DSPG1; PG-S1; SLRR1A;

Gene ID

12111

mRNA Refseq

NM_007542

Protein Refseq

NP_031568

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