

## Recombinant Mouse Bgn protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Bgn protein(P28653)(38-369aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	38-369aa
<b>Form</b>	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.
<b>Molecular Mass</b>	43.4 kDa
<b>AA Sequence</b>	DEEASGSDTTSGVPDLDSVTPTFSAMCPFGCHCHLRVVQCSDLGLKTVPKESPDT TLLDLQNNDISELRKDDFKGLQHLYALVLVNNKISKIHEKAFSPLRKLQKLYISKNHV EIPPNLPSSELVRIHDNRIRKVPKGVFSGLRNMNCIEMGGNPLENSGFEPGAFDGL KLNLYRISEAKLTGIPKDLPETLNELHLDHNKIQAIELEDLLRYSKLYRLGLGHNQIRMI ENGSLFPLTLRELHLDNNKLSRVPAGLPDLKLLQVVYLHSNNITKVGINDFCPMGFG VKRAYYNGISLFNPNVPYWEVQPATFRCVTDRLAIQFGNYKK
<b>Purity</b>	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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