

Recombinant Mouse Bgn, Fc tagged

Cat. No. BGN-533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bgn (Met1-Lys369), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Mouse
Source	Human Cells
ProteinLength	1-369 a.a.
Predicted N Terminal	Glu 20
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse BGN /Fc is a disulfide-linked homodimer. The reduced monomer comprises 591 amino acids and has a predicted molecular mass of 66.5 KDa. The apparent molecular mass of the protein is approximately 67 KDa in SDS-PAGE under reducing cond
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

 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

Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Bgn biglycan [*Mus musculus*]

Official Symbol

Bgn

Gene ID

12111

mRNA Refseq

NM_007542

Protein Refseq

NP_031568

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