

Recombinant Mouse BGN protein(Met1-Lys369), hFc-tagged

Cat. No. BGN-2339M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BGN (NP_031568.2)(Met1-Lys369) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys369
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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 conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Bgn biglycan [<i>Mus musculus</i>]
------------------	--------------------------------------

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
-----------------------	-----------

 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