

# Recombinant Human BGN Protein, C-His (Active)

## Summary

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<b>Catalog No.</b>	AHD48001
<b>Alternative Names</b>	SLRR1A, PG-S1, BGN, Biglycan, Bone/cartilage proteoglycan I
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
<b>Biological activity</b>	Measured by its ability to inhibit the cell growth of mouse embryonic fibroblast adipose-like cells (mouse 3T3 L1). The ED50 for this effect is 1.5-6 µg/mL.
<b>Endotoxin level</b>	<0.1 EU/µg of the protein by the LAL method.
<b>Expression system</b>	Mammalian Cells
<b>Accession</b>	P21810
<b>Protein length</b>	Asp38-Lys368
<b>Nature</b>	Recombinant
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
<b>Species</b>	Homo sapiens (Human)

## Recombinant Proteins & Antibodies

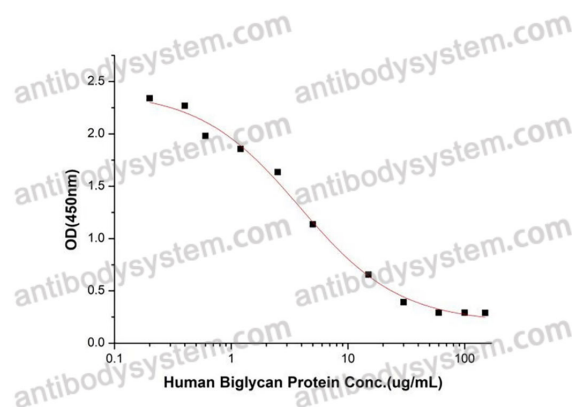
### Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

### Note

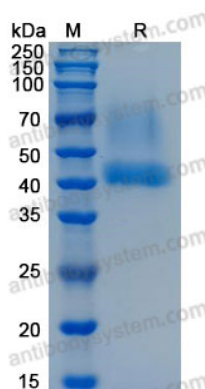
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## Data Image



Measured by its ability to inhibit the cell growth of mouse embryonic fibroblast adipose-like cells (mouse 3T3 L1). The ED50 for this effect is 1.5-6  $\mu$ g/mL.

### Bioactivity



### SDS-PAGE

SDS-PAGE for Recombinant Human Biglycan protein