

# Human Decorin/DCN (Fc Tag) recombinant protein



Catalog Number: 503928

## General Information

### Gene Name Synonym

Bone proteoglycan II; PG-S2; PG40

### Protein Construction

A DNA sequence encoding the mature form of human Decorin (NP\_001911.1) (Asp 31-Lys 359) was expressed with the fused Fc region of human IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE and SEC-HPLC Analysis.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Glu 20

### Molecular Mass

The recombinant human Decorin/Fc is a disulfide-

linked homodimer. The reduced monomer consists of 566 amino acids and has a predicted molecular mass of 63. kDa. As a result of glycosylation, rh Decorin/Fc monomer migrates as an approximately 70-75 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

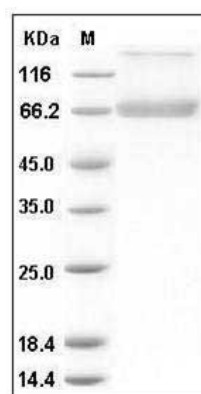
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human Decorin / DCN / SLRR1B Protein (Fc Tag)  
SDS-PAGE