

# Human Decorin/DCN (His Tag) recombinant protein



Catalog Number: 500598

## General Information

### Gene Name Synonym

Bone proteoglycan II; PG-S2; PG40

### Protein Construction

A DNA sequence encoding the human Decorin (NP\_001911.1) (Met 1-Lys 359) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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°C

### Predicted N terminal

Gly 17

### Molecular Mass

The recombinant human Decorin consists of 354

amino acids and has a predicted molecular mass of 39.4 kDa. As a result of different glycosylation, the apparent molecular mass of rhDecorin is approximately 45 kDa or higher 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

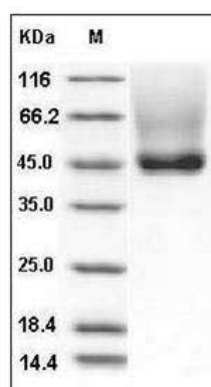
### Storage

Store it under sterile conditions at -20°C to -80°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 (His Tag)  
SDS-PAGE