

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 μg 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

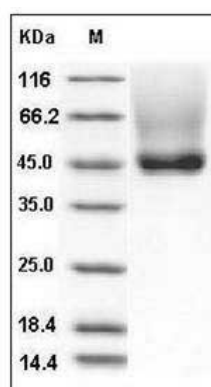
Storage

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



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SDS-PAGE