

Recombinant Human DCN protein(Met1-Lys359), His-tagged

Cat. No. DCN-1930H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Decorin (NP_001911.1) (Met 1-Lys 359) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys359
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 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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % 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 DCN decorin [Homo sapiens]

Official Symbol DCN

Synonyms DCN; decorin; decorin proteoglycan; DSPG2; SLRR1B; PG-S2; bone proteoglycan II; proteoglycan core protein; small leucine-rich protein 1B; dermatan sulphate proteoglycans II; CSCD; PG40; PGII; PGS2;

Gene ID 1634

mRNA Refseq NM_001920

Protein Refseq NP_001911

MIM 125255

UniProt ID P07585

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