

# Human DCN Recombinant Protein



RPPB3334

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## Product Information    Protein Information

**Product SKU:**

RPPB3334

**Accession:**

P07585

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

DCN produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 335 amino acids (31-359a.a.) and having a molecular mass of 37.1kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). DCN is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Decorin, Decorin Proteoglycan, Bone Proteoglycan II, SLRR1B, PG-S2, CSCD, PG40, Dermatan Sulphate Proteoglycans II, Small Leucine-Rich Protein 1B, Proteoglycan Core Protein, DSPG2, PGII, PGS2, Decorin, Bone proteoglycan II, PG-S2, , PG40.

**Formulation:**

DCN protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

DEASGIGPEV PDDRDFEPSL GPVCPFRQC HLRVVQCSDL GLDKVPKDL P D T T L L D L Q N N K I T E I K D G D  
F K N L K N L H A L I L V N N K I S K V S P G A F T P L V K L E R L Y L S K N Q L K E L P E K M P K T L Q E L R A H E N E I T K V R K V T F  
N G L N Q M I V I E L G T N P L K S S G I E N G A F Q G M K K L S Y I R I A D T N I T S I P Q G L P P S L T E L H L D G N K I S R V D A A S  
L K G L N N L A K L G L S F N S I S A V D N G S L A N T P H L R E L H L D N N K L T R V P G G L A E H K Y I Q V V Y L H N N N I S V W G S S  
D F C P P G H N T K K A S Y S G V S L F S N P V Q Y W E I Q P S T F R C V Y V R S A I Q L G N Y K H H H H H H.