

## Decorin Human Recombinant

<b>Item Number</b>	rAP-3170
<b>Synonyms</b>	Decorin, Bone proteoglycan II, PG-S2, PG40, DCN, SLRR1B, CSCD, PGII, PGS2, DSPG2.
<b>Description</b>	DCN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (31-359 a.a) and having a molecular mass of 38.6kDa.DCN is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P07585
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MDEASGIGPE VPDDRDFEPS LGPVCPRFCQ CHLRVVQCSDLGLDKVPKDL PPDITLLDLQ NNKITEIKDG DFKNLKNLHA LILVNNKISK VSPGAFT- PLVKLERLYLSKN QLKELPEKMP KTLQELRAHE NEITKVRKVT FNGLNQMIVI ELGTNPLKSS GIENGAFQGM KKLSYIRIAD TNITSIPQGL PPSLTEHLHD GNKISRVDAA SLKGLNNLAKLGLSFNSISA VDNGSLANTP HLRELHLDNN KLTRVPGGLA EHKYIQVVYL HNNNISVVGSSDFCPPGHNT KKASYSGVSL FSNPVQYWEI QPSTFRCVYV RSAIQLGNYK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	DCN protein solution (0.25mg/ml) containing 20mM Tris pH 8.0 and 10% glycerol. Greater than 80% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**