

Recombinant Human DCN protein, His-tagged

Cat. No. DCN-2804H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCN protein(P07585)(20-359aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-359aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	41.7 kDa
AA Sequence	<p> QQRGLFDFMLEDEASGIGPEVPDDRDFEPSLGPVCPFRQCCHLRVVQCSDLGLDK VPKDLPPDTLLDLQNNKITEIKDGFKNLKNLHALILVNNKISKVSPGAFTPLVKLERL YLSKNQLKELPEKMPKTLQELRAHENEITKVRKVTFNGLNQMIVIELGTNPLKSSGIE NGAFAQGMKKLSYIRIADTNITSIPQGLPPSLTELHLDGNKISRVDAAASKGLNNLAKLG LSFNSISAVDNGSLANTPHLRELHLDNKNLTRVPGGLAEHKYIQVVYLHNNNISVVGVS SDFCPPGHNTKKASYSGVSLFSNPVQYWEIQPSTFRFCVYVRSIQGLGNYK </p>
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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