

Decorin (DCN) Recombinant Protein | DCN recombinant protein

Recombinant Bovine Decorin (DCN)

CATALOG # AAA113901	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Decorin (DCN); Recombinant Bovine Decorin (DCN); DCN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	31-360aa; Full Length of Mature Protein
Sequence	DEASGIGPEE HFPEVPEIEP MGPVCPFRQC CHLRVVQCS LGLEKVPKDL PPD TALDLQ N NKITEIKDG DFKNLKNLHT LILNNKISK ISPGAFAPLV KLERLYLSKN QLKELPEKMP KTLQELRVHE NEITKVRKSV FNGLNQMIWV ELGTNPLKSS GIENAFQGM KKLSYIRIAD TNITTIPQGL PPSLTELHLD GNKITKVDA SLKGLNNLAK LGLSFNSISA VDNGSLANTP HLRELHLNNN KLVKVPGG LA DHKYIQVVYL HNNNISAIGS NDFCPPGYNT KKASYSGVSL FSNPVQYWEI QPSTFRCVYV RAAVQLGNYK
Species	Bovine
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for DCN recombinant protein	This protein is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The encoded protein and biglycan are thought to be the result of a gene duplication. This protein is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. It contains one attached glycosaminoglycan chain. This protein is capable of suppressing the growth of various tumor cell lines. There are multiple alternatively spliced transcript variants known for this gene. This gene is a candidate gene for Marfan syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76253701
NCBI GeneID	280760
NCBI Accession #	NP_776331.2
NCBI GenBank Nucleotide #	NM_173906.4
UniProt Accession #	P21793 ; Q3MHN1 ; Q5U7W0 ; Q861V7 ; Q862D9 ; Q862E8 ; Q862L4 ; Q862R5
Molecular Weight	38.5 kDa
NCBI Official Full Name	decorin
NCBI Official Synonym Full Names	decorin
NCBI Official Symbol	DCN

NCBI Protein Information	decorin
UniProt Protein Name	Decorin
UniProt Gene Name	DCN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dcn-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113901>