

Recombinant Human DCN Protein, MYC/DDK-tagged

Cat. No. DCN-1170H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DCN protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the small leucine-rich proteoglycan family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. This protein plays a role in collagen fibril assembly. Binding of this protein to multiple cell surface receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy and inflammation and an inhibitory effect on angiogenesis and tumorigenesis. This gene and the related gene biglycan are thought to be the result of a gene duplication. Mutations in this gene are associated with congenital stromal corneal dystrophy in human patients. [provided by RefSeq, Nov 2015].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	37.9 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	DCN decorin [Homo sapiens]
Official Symbol	DCN
Synonyms	CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B
Gene ID	1634
mRNA Refseq	NM_001920
Protein Refseq	NP_001911
MIM	125255
UniProt ID	P07585

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