

## Recombinant Human DCN Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human DCN protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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].</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	37.9 kDa
<b>Purity</b>	>50 ug/mL as determined by microplate BCA method
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



## GENE INFORMATION

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

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