

Recombinant Human DCN

Catalog No: #GP10351



Package Size: #GP10351-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human DCN
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 60-359 amino acids of human DCN
Target Name	decorin
Other Names	CSCD; PG40; PGI; PGS2; DSPG2; SLRR1B
Accession No.	Swissprot:P07585Gene Accession:BC005322
Uniprot	P07585
GeneID	1634;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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