

Product datasheet for RC218479L4V

OriGene Technologies, Inc.

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Decorin (DCN) (NM 133504) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Decorin (DCN) (NM_133504) Human Tagged ORF Clone Lentiviral Particle

Symbol:

CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B Synonyms:

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

mGFP Tag:

NM 133504 ACCN:

ORF Size: 750 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC218479).

Sequence:

Cytogenetics:

The molecular sequence of this clone aligns with the gene accession number as a point of OTI Disclaimer:

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

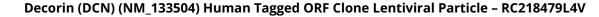
RefSeq: NM 133504.2

RefSeq Size: 1570 bp RefSeq ORF: 753 bp Locus ID: 1634 **UniProt ID:** P07585

12q21.33 **Protein Families:** Druggable Genome, Secreted Protein

Protein Pathways: TGF-beta signaling pathway





ORIGENE

MW: 25.6 kDa

Gene Summary:

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]