

Product datasheet for **SC210137**

Decorin (DCN) (NM_133505) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Decorin (DCN) (NM_133505) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DCN
Synonyms:	CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B
ACCN:	NM_133505
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC210137 3'UTR clone of NM_133505

The sequence shown below is from the reference sequence of NM_133505. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGCCATTCAACTCGGAAACTATAAGTAATTCTCAAGAAAGCCCTATTTTTTAACTGGCAAAATC
TTGTTAATGTCATTGCTAAAAATAAATAAAAGCTAGATACTGGAAACCTAACTGCAATGTGGATGTTT
TACCCACATGACTTATTATGCATAAAGCCAAATTTCCAGTTTAAAGTAATTGCCTACAATAAAAAAGAAAT
TTTGCCTGCCATTTTCAGAATCATCTTTTGAAGCTTTCTGTTGATGTTAACTGAGCTACTAGAGATATT
CTTATTTCACTAAATGTAATTTGGAGTAAATATATATGTCAATATTTAGTAAAGCTTTTCTTTTTTA
ATTTCCAGGAAAAATAAAAAGAGTATGAGTCTTCTGTAATTCATTGAGCAGTTAGCTCATTGAGATA
AAGTCAAATGCCAACACTAGCTCTGTATTAATCCCATCATTACTGGTAAAGCCTCATTGAATGTGT
GAATTC AATACAGGCTATGTAATTTTTACTAATGTCATTATTTGAAAAATAAATTTAAAAATACA
TTCAAAATTA CTATTGTATACAAGCTTAATTGTTAATATTCCTAAACACAATTTTATGAAGGGAGAAG
ACATTGGTTTGTGACAATAACAGTACATCTTTTCAAGTTCTCAGCTATTTCTTCTACCTCTCCCTATC
TTACATTTGAGTATGGTAACTTATGTCATCTATGTTGAATGTAAGCTTATAAAGCACAAAGCATACATT
TCCTGACTGGTCTAGAGAACTGATGTTTCAATTTACCCCTCTGCTAAATAAATAATTAACACTATCATGT
GACTTCATGTAATCAGGCTGAACATTTCTACAATTACTAGATGTATTAGACGTAAGTATTTTCTTTAGT
TAAACCACCCATGTTAGAAATGTTTTCTGTAGAATTTATAAACAATCAATGCAGACAATTTAATAA
GCCTGGGGATGATTTACTTACAGTAAACATTTTCAAATTTGACATTTGTGCTATCAACAATTAATAAG
CAAATATGTGAAAAATAGTTTCTGTCTTCTATGAAGTTAGATATTTGATGGTTAAAACCCCTATAAATCA
TAGTTTTCATATGGGAAAAATAAATTGAAATACAGTGTAATTTAAATAATTTATTAAGTATAGCAAATA
ATTGAAATATGGTGGACTAAATTTTGTATAGAAATATGTGCAAGTTATAGTAGTGGCTCACATGAGAG
GTAATCAATTCGCTAATAGTAGCAGAATGAGTGCAGTGGAAACATGAAAACTTGAGGAGATAACAGTT
GAGGTGGGTTTCCATAGATGCATAATAGTTCAAGAGCAAGATTTGGTGGGGAGGCACTATTCAAGACAG
GGACTAAGTTCAAATCCAAGACGTATGCTGGGACACACCTCTGACAGTTGGCATAAAGGAGGCTTAA
TCAAATATTTTCTTCTTCTGAAACAGAAGCAATAATTTTCAATTTACATTTGACATATCCCGAGGTAA
TATTAACATTAGGAAAGTTACTCTTTTCCATCTTTCCACATTCTTGCAGGACCATAAAATCTGAATTT
TCCAGTATTTTTAATAAGAGGGAAGAAACCTCTTTTTTCTTCTTTTCTCTTTTCTATCTCCAAGAGATCCTC
CTCTCATGACTACAGTTGAATAGGTGGTTTCTATTGGAAGACATTCAGGAATTC AAGGTGCATGTCCAT
AAATGGACTTTTTTGTGTTGTTTCAGAGCTGGACCTTGAATGATGCATCCTTCTCTCTGTTGTAACCA
TGAATAATGCACCCTTATGCTATAGCCTTTAACGATTCAACCTTCTTATTGTAACCTTGAATGATTCA
CCCTTTATGGTGTAGCCTTGAGTGACGCACCTTCATGTTGTAGCCTTCAATGATGCACACTCCATGTT
ATAGCCTTGAATGATATACCTTTATGCTGCAGCCTTTCTTATGGGAAAAAGCCTGCAGATATCCT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
    
```

Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_133505.3](#)

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]

Locus ID:

1634

MW:

77.5