

Product datasheet for **SC210138**

Decorin (DCN) (NM_133506) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Decorin (DCN) (NM_133506) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DCN
Synonyms:	CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B
ACCN:	NM_133506
Insert Size:	2000 bp



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Insert Sequence: >SC210138 3'UTR clone of NM_133506
 The sequence shown below is from the reference sequence of NM_133506. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGCCATTCAACTCGGAAACTATAAGTAATTCTCAAGAAAGCCCTATTTTTATAACCTGGCAAAATC
TTGTTAATGTCATTGCTAAAAATAAATAAAAGCTAGATACTGGAAACCTAACTGCAATGTGGATGTTT
TACCCACATGACTTATTATGCATAAAGCCAAATTTCCAGTTTAAGTAATTGCCTACAATAAAAAAGAAAT
TTTGCCTGCCATTTTCAGAATCATCTTTTGAAGCTTTCTGTTGATGTTAACTGAGCTACTAGAGATATT
CTTATTTCACTAAATGTAATAATTTGGAGTAAATATATATGTCAATATTTAGTAAAGCTTTTCTTTTTTA
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AAGTCAAATGCCAACACTAGCTCTGTATTAATCCCATCATTACTGGTAAAGCCTCATTGAATGTGT
GAATTC AATACAGGCTATGTAATAATTTTACTAATGTCATTATTTGAAAAATAAATTTAAAAATACA
TTCAAAATTA CTATTGTATACAAGCTTAATTGTTAATATTCCTAAACACAATTTTATGAAGGGAGAAG
ACATTGGTTTGTGACAATAACAGTACATCTTTTCAAGTTCTCAGCTATTTCTTCTACCTCTCCCTATC
TTACATTTGAGTATGGTAACTTATGTCATCTATGTTGAATGTAAGCTTATAAAGCACAAAGCATACATT
TCCTGACTGGTCTAGAGAACTGATGTTTCAATTTACCCCTCTGCTAAATAAATAATTAACCTATCATGT
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GCCTGGGGATGATTTACTTACAGTAAACATTTTCAAATTTGACATTTGTGCTATCAACAATTAATAAG
CAAATATGTGAAAAATAGTTTCTGTCTTCTATGAAGTTAGATATTTGATGGTTAAAACCCCTATAAATCA
TAGTTTTCATATGGGAAAAATAAATTGAAATACAGTGTAATTTAATAATTTATTAAGTATAGCAAATA
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GTAATCAATTCGCTAATAGTAGCAGAATGAGTGCAGTGGAAACATGAAAACTTGAGGAGATAACAGTT
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GGACTAAGTTCAAATCCAAGACGTATGCTGGGACACACCTCTGACAGTTGGCATAAAGGAGGCTTAA
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TCCAGTATTTTTAATAAGAGGGAAGAAACCTCTCTTTTCTTCTTTTCTCTTTTCTCTCCCAAGAGATCCTC
CTCTCATGACTACAGTTGAATAGGTGGTTTCTATTGGAAGACATTCAGGAATTC AAGGTGCATGTCCAT
AAATGGACTTTTTTTGTTGTTGTTTCAGAGCTGGACCTTGAATGATGCATCCTTCTCTCTGTTGTAACCA
TGAATAATGCACCCTTATGCTATAGCCTTTAACGATTACCCTTCTTATTGTAACCTTGAATGATTCA
CCCTTTATGGTGTAGCCTTGAGTGACGCACCCTTCATGTTGTAGCCTTCAATGATGCACACTCCATGTT
ATAGCCTTGAATGATATACCCTTTATGCTGCAGCCTTTCTCTTATGGGAAAAAGCCTGCAGATATCCT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACC GCCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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_133506.3](#)

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