

Product datasheet for **SC217300**

Syndecan 1 (SDC1) (NM_002997) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Syndecan 1 (SDC1) (NM_002997) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SDC1
Synonyms:	CD138; SDC; SYND1; syndecan
ACCN:	NM_002997
Insert Size:	1999 bp



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Insert Sequence:

>SC217300 3'UTR clone of NM_002997

The sequence shown below is from the reference sequence of NM_002997. 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
CCACCAAACAGGAGGAATTCTATGCCGACGCGGAGCCATGCGCCCCCTCCGCCCTGCCACTCACTA
GGCCCCCACTTGCTCTTCTTGAAGAAGTGCAGGCCCTGGCCTCCCCTGCCACCAAGGCCACCTCCCA
GCATTCCAGCCCCTCTGGTCTGCTCTGCCACGGAGTCTGGGGTGTGCTGGGAGCTCCACTCTGTTC
TCTGACTTCTGCCTGGAGACTTAGGGCACCAGGGGTTTCTCGCATAGGACCTTTCCACCAGCCAGCA
CCTGGCATCGCACCATTCTGACTCGTTTCTCCAAACTGAAGCAGCCTCTCCCAGGTCCAGCTCTGGA
GGGGAGGGGGATCCGACTGCTTTGGACCTAAATGGCCTCATGTGGCTGGAAGATCCTGCGGGTGGGGCT
TGGGGCTCACACACCTGTAGCACTTACTGGTAGGACCAAGCATCTGGGGGGTGGCCGCTGAGTGGCA
GGGGACAGGAGTCCACTTTGTTTCGTGGGAGGTCTAATCTAGATATCGACTTGTTTTTGCACATGTTT
CCTCTAGTTCTTTGTTTATAGCCAGTAGACCTTGTACTTCTGAGGTAAGTTAAGTAAGTTGATTCGG
TATCCCCCATCTTGCTTCCCTAATCTATGGTCCGGAGACAGCATCAGGGTTAAGAAGACTTTTTTTTT
TTTTTTTTAAACTAGGAGAACCAAACTGGAAGCCAAAATGTAGGCTTAGTTTGTGTGTTGTCTTGA
GTTTGTGCTCATGTGTGCAACAGGGTATGGACTATCTGTCTGGTGGCCCCGTTTCTGGTGGTCTGTTG
GCAGGCTGGCCAGTCCAGGCTGCCGTGGGGCCGCCCTCTTTCAAGCAGTCGTGCCTGTGTCCATGCG
CTCAGGGCCATGCTGAGGCTGGGCCGTGCCACGTTGGAGAAGCCCGTGTGAGAAGTGAATGCTGGGA
CTCAGCCTTCCAGCAGAGAGGACTGTAGGGAGGGCGGACAGGGCCTGGAGATCCTCCTGCAGACCACGC
CCGTCTGCCTGTGGCCCGTCTCCAGGGGCTGCTTCTCCTGGAATTGACGAGGGGTGCTTTGGGCA
GAGCTGGCTCTGAGCGCCTCCATCCAAGGCCAGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGGCC
TGGGCTGGAATCAGGAATATTTTCAAAGAGTGATAGTCTTTTGTCTTTGGCAAACTCTACTTAATCC
AATGGGTTTTTCCCTGTACAGTAGATTTTCAAATGTAATAAACTTTAATAAAAGTAGTCTGTGAAT
GCCACTGCCTTCGCTTCTGCTCTGTGTGTGACGTGACCGGACTTTTCTGCAAACCAACAT
GTTGGGAACTTGGCTCGAATCTCTGTGCCTTCGTCTTTCCATGGGGAGGGATTCTGGTCCAGGGTC
CCTCTGTGATTTGCTTTTTTGTGGCTGAAATCTCCTGGAGGTCGGTAGGTTCCAGCAAGGTTTT
ATAAGGCTGATGTCAATTTCTGTGTTGCCAAGCTCCAAGCCCCATCTTCTAAATGGCAAAGGAAGGTGG
ATGGCCCCAGCACAGCTTACCTGAGGCTGTGGTACAGCGGAGGTGTGGAGCCGAGGCCTACCCCGCA
GACACCTTGGACATCCTCCTCCACCCGGCTGCAGAGGCCAGAGGCCCCAGCCAGGGCTCCTGCACT
TACTTGCTTATTTGACAACGTTTCAGCGACTCCGTTGGCCACTCCGAGAGGTGGGCCAGTCTGTGGATC
AGAGATGCACCACCAAGCCAAGGGAACCTGTGTCCGGTATTTCGATACTGCGACTTTTCTGCCTGGAGTGT
ATGACTGCACATGACTCGGGGTGGGAAAGGGTCCGGCTGACCATGCTCATCTGCTGGTCCGTGGGAC
GGTGCCCAAGCCAGAGGCTGGGTTCAATTTGTGTAACGACAATAAACGGTACTTGTCAATTCGGGCAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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_002997.5](#)

Summary: The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length nature of only two have been described to date. These two represent the major variants of this gene and encode the same protein. [provided by RefSeq, Jul 2008]

Locus ID: 6382

MW: 72.9