

## Product datasheet for **SC216819**

### Versican (VCAN) (NM\_004385) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Versican (VCAN) (NM_004385) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	VCAN
Synonyms:	CSPG2; ERVR; GHAP; PG-M; WGN; WGN1
ACCN:	NM_004385
Insert Size:	1898 bp



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**Insert Sequence:** >SC216819 3'UTR clone of NM\_004385  
The sequence shown below is from the reference sequence of NM\_004385. 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
AGCCGGAGGTGGCAGGAGTCGAGGCGCTGATCCCTAAAATGGCGAACATGTGTTTTTCATCATTTTCAGCC
AAAGTCCCTAACTTCTGTGCCTTTCCTATCACCTCGAGAAGTAATTATCAGTTGGTTTGGATTTTGGGA
CCACC GTTCAGTCATTTTGGGTTGCCGTCTCCAAAACATTTTAAATGAAAGTATTGGCATTCAAAAA
GACAGCAGACAAAATGAAAGAAAATGAGAGCAGAAAAGTAAGCATTTCAGCCTATCTAATTTCTTTAGT
TTTCTATTTGCCTCCAGTGCAGTCCATTTCTAATGTATACCAGCCTACTGTACTATTTAAATGCTCA
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AGTCACAATGAGTTTGGGCATATTTAATGATGATTATGGAGCCTTAGAGGTCTTTAATCATTGGTTCGG
CTGCTTTTATGTAGTTTAGGCTGAAAATGTTTTCACTTGCTCTTTGACTGTCAGCAAGACTGAAGATGG
CTTTTCCTGGACAGCTAGAAAACACAAAATCTTGTAGGTATTGCACCTATCTCAGCCATAGGTGCAGT
TTGCTTCTACATGATGCTAAAGGCTGCGAATGGGATCCTGATGGAAC TAAGGACTCCAATGTGCAACTC
TTCTTTGCTGCATTCTTTTTCTTCACTTACAAGAAAAGGCCTGAATGGAGGACTTTTCTGTAAACCAGGA
ACATTTTTTAGGGTCAAAGTGCTAATAATTAECTCAACCAGGTCTACTTTTTAATGGCTTTCATAACA
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ATTTTTCAGTGTTAGCCTTTTACTTTTCCCTCACACAATTTGGAATCATATAATATAGTACTTTGTCCCT
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GTTAGGTGGAGTGTATGTGTTGACATTTCTCCCATCTCTTCCCACTCTGTTTTCTCCCATTTTGA
ATAAAGTGACTGCTGAAGATGACTTTGAATCCTTATCCACTTAATTTAATGTTTAAAGAAAAACCTGTA
ATGGAAAGTAAGACTCCTTCCCTAATTTTCAGTTTAGAGCAACTTGAAGAAGAGTAGACAAAAATAAAA
TGCACATAGAAAAAGAGAAAAAGGGCACAAAGGATTGGCCCAATATTGATCTTTTTTTATAAAACCT
CCTTTGGCTTAGAAGGAATGACTCTAGCTACAATAATACACAGTATGTTAAGCAGGTTCCCTTGTTG
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TCTATTTTTCTTTCTTTTACAATGCACATAACTTTCTGTATTTATATCATAACGTGTATAGTGT
AAAATGTGAATGACTTTTTTTGTGAATGAAAATCTAAAATCTTTGTAACCTTTTTATATCTGCTTTTGT
TCACCAAAGAAACCTAAAATCCTTCTTTACTACA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG

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**Restriction Sites:** Sgfl-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\\_004385.5](#)

**Summary:** This gene is a member of the aggrecan/versican proteoglycan family. The protein encoded is a large chondroitin sulfate proteoglycan and is a major component of the extracellular matrix. This protein is involved in cell adhesion, proliferation, proliferation, migration and angiogenesis and plays a central role in tissue morphogenesis and maintenance. Mutations in this gene are the cause of Wagner syndrome type 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]

**Locus ID:** 1462

**MW:** 74.3