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Product datasheet for SC215762

CCN4 (NM_003882) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CCN4 (NM_003882) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CCN4
Synonyms:	WISP1; WISP1-OT1; WISP1-UT1; WISP1c; WISP1i; WISP1tc
ACCN:	NM_003882
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC215762 3'UTR clone of NM_003882
The sequence shown below is from the reference sequence of NM_003882. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACCCTGACTTCTCAGAAATTGCCAACTAGGCAGGCACAAATCTTGGGTCTTGGGGACTAACCCAATGC
CTGTGAAGCAGTCAGCCCTTATGGCCAATAACTTTTCACCAATGAGCCTTAGTTACCCTGATCTGGACC
CTTGGCCTCCATTTCTGTCTCTAACCATTCAAATGACGCCTGATGGTGCTGCTCAGGCCCATGCTATGA
GTTTTCTCCTTGATATCATTCAGCATCTACTCTAAAGAAAAATGCCTGTCTCTAGCTGTTCTGGACTAC
ACCCAAGCCTGATCCAGCCTTTCCAAGTCACTAGAAGTCCTGCTGGATCTTGCCTAAATCCCAAGAAAT
GGAATCAGGTAGACTTTTAATATCACTAATTTCTTCTTTAGATGCCAAACCACAAGACTCTTTGGGTCC
ATTCAGATGAATAGATGGAATTTGGAACAATAGAATAATCTATTATTTGGAGCCTGCCAAGAGGTACTG
TAATGGGTAATTCTGACGTCAGCGCACCAAAACTATCCTGATTCCAAATATGTATGCACCTCAAGGTCA
TCAAACATTTGCCAAGTGAGTTGAATAGTTGCTTAATTTTGATTTTTAATGGAAAGTTGTATCCATTAA
CCTGGGCATTGTTGAGGTTAAGTTTCTCTTCACCCCTACACTGTGAAGGGTACAGATTAGGTTTGTCCC
AGTCAGAAATAAAATTTGATAAACATTCCTGTTGATGGGAAAAGCCCCCAGTTAATACTCCAGAGACAG
GGAAAGGTCAGCCCGTTTCAGAAGGACCAATTGACTCTCACACTGAATCAGCTGCTGACTGGCAGGGCT
TTGGGCAGTTGGCCAGGCTCTTCCTTGAATCTTCTCCCTTGTCCTGCTTGGGGTTCATAGGAATTGGTA
AGGCCTCTGGACTGGCCTGTCTGGCCCCTGAGAGTGGTGCCCTGGAACACTCCTCTACTCTTACAGAGC
CTTGAGAGACCCAGCTGCAGACCATGCCAGACCCACTGAAATGACCAAGACAGGTTCAGGTAGGGGTGT
GGGTCAAACCAAGAAGTGGGTGCCCTTGGTAGCAGCCTGGGGTGACCTCTAGAGCTGGAGGCTGTGGGA
CTCCAGGGGCCCCCGTGTTCAGGACACATCTATTGCAGAGACTCATTTCACAGCCTTTCGTTCTGCTGA
CCAAATGGCCAGTTTTCTGGTAGGAAGATGGAGGTTTACCGGTTGTTTAGAAACAGAAATAGACTTAAT
AAAGGTTTAAAGCTGAAGAGGTTGAAGCTAAAAGGAAAAGGTTGTTGTTAATGAATATCAGGCTATTAT
TTATTGTATTAGGAAAATATAATATTTACTGTTAGAATTCTTTTATTTAGGGCCTTTTCTGTGCCAGAC
ATTGCTCTCAGTGCTTTGCATGTATTAGCTCACTGAATCTTCACGACAATGTTGAGAAGTTCCCATTAT
TATTTCTGTTCTTACAAATGTGAAACGGAAGCTCATAGAGGTGAGAAAACTCAACCAGAGTCACCCAGT
TGGTGACTGGGAAAGTTAGGATTCAGATCGAAATTGGACTGTCTTTATAACCCATATTTTCCCCCTGTT
TTTAGAGCTTCCAAATGTGTCAGAATAGGAAAACATTGCAATAAATGGCTTGATTTTTTAATGTCATTT
TTCCCTCTTATAGTCTTTCTAGCTCCTTTTCAAAAGACGAGAATATCTGATTTTCTGATAATTTAGGTG
CTTAAGCATCCAAAATACATGGGACACACAAAAATCCAGGAATCCCCTGTAGCTTATTCCCTCTTTCCC
ATCGGAACCAGCTCTCATCACACATTTAAAAGATGATTCTGTTTACCCAATGCTGCATATTGAATGTTG
TGTAGTTATTCACAGGGAATTCTGTGCAGTGTGCAGAGAGATTCCTAAACGGGAAAAGGACTGGGAATA
CATCCTCCTTACTGTGACCTCCCCAAAACCTAGTCCAGTGCAAGGTATACAGTGGTGCTCATTAAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_003882.4

Summary: This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like domain. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. It is expressed at a high level in fibroblast cells, and overexpressed in colon tumors. The encoded protein binds to decorin and biglycan, two members of a family of small leucine-rich proteoglycans present in the extracellular matrix of connective tissue, and possibly prevents the inhibitory activity of decorin and biglycan in tumor cell proliferation. It also attenuates p53-mediated apoptosis in response to DNA damage through activation of the Akt kinase. It is 83% identical to the mouse protein at the amino acid level. Multiple alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2011]

Locus ID: 8840

MW: 75.5