

Product datasheet for **SC207149**

CCN5 (NM_003881) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CCN5 (NM_003881) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CCN5
Synonyms: CT58; CTGF-L; WISP2
ACCN: NM_003881
Insert Size: 534 bp
Insert Sequence: >SC207149 3'UTR clone of NM_003881
The sequence shown below is from the reference sequence of NM_003881. 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
GGTCGCAGTCCACAAAACAGTGCCTTCTAGAGCCGGCTGGGAATGGGGACACGGTGTCCACCATCCCC
AGCTGGTGGCCCTGTGCCTGGGCCCTGGGCTGATGGAAGATGGTCCGTGCCAGGCCCTTGCTGCAGG
CAACACTTTAGCTTGGGTCCACCATGCAGAACACCAATATTAACACGCTGCCTGGTCTGTCTGGATCCC
GAGGTATGGCAGAGGTGAAGACCTAGTCCCCTTCTCTAACTCACTGCCTAGGAGGCTGGCCAAGGT
GTCCAGGGTCTCTAGCCCACTCCCTGCCTACACACACAGCCTATATCAAACATGCACACGGGCGAGCT
TTCTCTCCGACTTCCCCTGGGCAAGAGATGGGACAAGCAGTCCCTTAATATTGAGGCTGCAGCAGGTGC
TGGGCTGGACTGGCCATTTTTCTGGGGTAGGATGAAGAGAAGGCACACAGAGATTCTGGATCTCCTGC
TGCCTTTCTGGAGTTTGAAAATTGTTCTGAATACAAGCCTATGCGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_003881.4](#)



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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 (CT) domain. The encoded protein lacks the CT domain which is implicated in dimerization and heparin binding. It is 72% identical to the mouse protein at the amino acid level. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Its expression in colon tumors is reduced while the other two WISP members are overexpressed in colon tumors. It is expressed at high levels in bone tissue, and may play an important role in modulating bone turnover. [provided by RefSeq, Jul 2008]

Locus ID:

8839

MW:

19.4