

Product datasheet for **SC307654**

CCN6 (NM_198239) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCN6 (NM_198239) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCN6
Synonyms:	LIBC; PPAC; PPD; PPRD; WISP-3; WISP3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_198239, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGAACAAGCGGCGACTTCTCTACCCCTCAGGGTGGCTCCACGGTCCCAGCGACATGCAG GGGCTCCTCTTCTCCACTCTTCTGCTTGGCTGGCAGTCTGCTGCAGGGTACAG GGCACTGGACCATTAGATACAACACCTGAAGGAAGGCTGGAGAAGTGTGAGATGCACCT CAGCGTAAACAGTTTTGTCACTGGCCCTGCAAATGCCCTCAGCAGAAGCCCCGTTGCCCT CCTGGAGTGAGCCTGGTGAAGATGGCTGTGGATGCTGTAAAATCTGTGCCAAGCAACCA GGGAAATCTGCAATGAAGCTGACCTCTGTGACCCACACAAGGGCTGTATTGTGACTAC TCAGTAGACAGGCTAGGTACGAGACTGGAGTGTGTGCATACCTTGTAGCTGTTGGGTGC GAGTTCAACCAGGTACATTATCATAATGGCCAAGTGTTCAGCCCAACCCCTTGTTCAGC TGCCCTCTGTGTGAGTGGGCCATTGGATGCACACCTCTGTTCATACCAAAGCTGGCTGGC AGTCACTGCTCTGGAGCTAAAGGTGAAAGAAGTCTGATCAGTCAAAGTGTAGCTGGAA CCATTACTACAGCAGCTTTCAACAAGCTACAAAACAAATGCCAGCTTATAGAAATCTCCA CTTATTTGGAAAAAAATGTCTTGTGCAAGCAACAAATGGACTCCCTGCTCCAGAACA TGTGGGATGGGAATATCTAACAGGTGACCAATGAAAACAGCAACTGTGAAATGAGAAAA GAGAAAAGACTGTGTTACATTACGCTTGGCAGCAATATATTAAGACAATAAAGATT CCCAAAGGAAAAACATGCCAACCTACTTTCCAAGCTCTCAAAGCTGAAAAATTTGTCTTT TCTGGATGCTCAAGTACTCAGAGTTACAAACCCACTTTTGTGGAATATGCTTGGATAAG AGATGCTGTATCCCTAATAAGTCTAAAATGATTACTATTCAATTTGATTGCCCAATGAG GGGTCAATTTAAATGGAAGATGCTGTGGATTACATCTTGTGTGTGTCAGAGAACTGCAGA GAACCTGGAGATATATTTCTGAGCTCAAGATTCTGTAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_198239
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_198239.1, NP_937882.1</u>
RefSeq Size:	1332 bp
RefSeq ORF:	1119 bp
Locus ID:	8838
UniProt ID:	<u>O95389</u>
Cytogenetics:	6q21
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein
Gene Summary:	<p>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 is overexpressed in colon tumors. It may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Mutations of this gene are associated with progressive pseudorheumatoid dysplasia, an autosomal recessive skeletal disorder, indicating that the gene is essential for normal postnatal skeletal growth and cartilage homeostasis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) represents the longer transcript and encodes the longer isoform (3).</p>