

Product datasheet for **SC122906**

C1orf114 (CCDC181) (NM_021179) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf114 (CCDC181) (NM_021179) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf114
Synonyms:	C1orf114
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_021179 edited
 GCTCTCGTAGTTAGAGAGGCCGGATGGAGGACGCAGAGGCACGCTGTTGCCATGGCAGT
 GTGGTCTGGCTGCCCGGAGGCAGGTGCCGGGTCTCCTTTGCCTCAATGTGAAGAGCT
 TAGAAAGAGGAGGAGAGGAGAATCCCCCGCCATCTCTGTGATCCCAGCCGCCGATTT
 TACACAGCATATTTCTTACAAACAGAAAATGAATGAAAATAAGATACTGATTCAAAG
 AAAAGTGAAGAATACGAAGATGACTTTGAAAAGGACCTGGAGTGGTTAATTAATGAAAAT
 GAAAAAGTGATGCCAGCATAATAGAGATGGCTTGTGAGAAGGAAGAGAATATTAACCAA
 GACTTAAAAGAGAATGAGACAGTAATGGAGCACACCAAACGGCATTCTGATCCTGACAAA
 TCTTTGCAGGATGAGGTCTACCAAGAAGAAAATGACATCATTCTGTACCAGGTATTCAA
 CCTTTGGATCCCATATCAGATTCAGATAGTGAAAACCTTTCCAGGAATCCAAACTAGAA
 AGCCAGAAAGACTTGGAGGAGGAAGAGGATGAGGAAGTAAGGAGATATATTATGGAGAAA
 ATTGTACAAGCTAACAAGCTTCTACAGAATCAAGAACCGGTGAATGATAAAAGGGAGCGA
 AAACCTAAGTTCAAGGACCAGTTAGTTGATTTGGAAGTTCCTCCACTAGAAGACTACT
 ACTTCTAAAAATATTTTAAAAACGAAAGGAATATGTTTGGGAACTGTCACAATTATGT
 ATTTCCAATGATTTTGGACAAGAAGATGTCTCCTGTCACCTACTAATGGAAGCTGTGAA
 GAAAACAAGGATAGGACAATACTGGTAGAGAGAGATGGAAAATTTGAACCTCTGAATTTA
 CAAGACATTGCCAGTCAGGGGTTTTTGCCTCCCATTAATAATGCAAAATAGTACAGAAAAT
 GACCCTCAGCAGTTGTTACCCAGATCTTCCAACCTCTGTGTCAGTGGCACCAAGAAAGAA
 GATTCTACAGCAAAGATTCATGCTGTCACCTCACTCATCAACAGGAGAGCCGCTGGCTTAT
 ATCGCTCAGCCACCCTCAACCGCAAGACTTGCCAAGCTCTGCTGTCAACTCAGATCGA
 AGTAAAGGGAATGGGAAATCTAATCACAGGACACAGTCTGCACATATCTCACCAGTGACT
 TCAACATACTGTCTTCCCCTCGACAGAAAGAACTACAAAACAAGTGAAGAAAAGAGAG
 GAAAAACTGAAAAGAGAGGAAGAGCGACGAAAAATAGAAGAAGAGAAAAGAAAAAGAG
 AGAGAATGACATAGTATTTAAAGCGTGGTTGCAAAAAGAAAAGAGAGCAGGTCTTAGAAAT
 GAGGAGAATTCAGCGAGCAAAGGAAATTGAAGACATGAACAGTAGAGTAAGTAAACTTC
 TCTGAAAATAAGTTCATACAGATATGAAAAGCTGAACTTATTTATAGAAGGGAGTCTGGA
 TATCAGACTAACAGCCTATGGAAGAAGTAGAAAAGTTGTTCAAGAAGTACCCTTGCAAAA
 GATGCAACATGCAGATACTACAATTAGGTTCTAAGAGGTCTTGTGAAAATAAAATGATT
 CCTATTTGTTTCAGACTTTGATGGAACAGAAAAAAGAAAAAAGAAAAAAGAAAAAAG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_021179 unedited
 GGTGAGAAATTTGTATACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATAACATTAT
 ACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGGCTCTCGT
 AGTTAGAGAGGCCCGGATGGAGGACGCAGAGGCACGCTGTTGCCATGGCAGTGTGGTCTCT
 GGCTGCCCGGAGGCAGGTGCCGGGTCTCCTTTGCCTCAATGTGAAGAGCTTAGAAAGA
 GGAGGAGAGGAGAATCCCCCGCCATCTCTGTGATCCCAGCCGCCGATTTTACACAGC
 ATATTTCTTACAAACAGAAAATGAATGAAAATAAAGATACTGATTCAAAGAAAAGTGA
 AGAATACGAAGATGACTTTGAAAAGGACCTGGAGTGGTTAATTAATGAAAATGAAAAAAG
 TGATGCCAGCATAATAGAGATGGCTTGTGAGAAGGAAGAGAATATTAACCAAGACTTAAA
 AGAGAATGAGACAGTAATGGAGCACACCAAACGGCATTCTGATCCTGACAAATCTTTGCA
 GGATGAGGTCTACCAAGAAGAAATGACATCATTCTGTACCAGGTATTCAACCTTTGGA
 TCCCATATCAGATTCAGATAGTGAAGAACTTTCCAGGAATCAAAGTGAAGGCCAGAAA
 GACTTGGAGGAGGAAGAGGATGANGAAAGTAGGAGATATATTATGGNAGAAAATTTGTAC
 AGCTANACAGCTTCTACAGAAATCAGAACCCTGGTGAATGATAAAAGGGAGCGAAAACCTA
 AGTTCAAGGACAGTTAGTTGATTTGAAAAGTTCCTCACTANGAGAAGTACTACTTCTTAA
 AAATATTTTGAACGAAAGAAATATGTTTGGGAACTGTCACAATTATGTTNTCCAATGA
 ATTTGGACAAGAAGATGTGCC

Restriction Sites: Please inquire

ACCN: NM_021179

Insert Size: 1672 bp

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).
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:	NM_021179.1 , NP_067002.1
RefSeq Size:	1866 bp
RefSeq ORF:	1527 bp
Locus ID:	57821
UniProt ID:	Q5TID7
Cytogenetics:	1q24.2
Gene Summary:	<p>Microtubule-binding protein that localizes to the microtubular manchette of elongating spermatids.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (a).</p>