

Product datasheet for **SC336529**

C1orf114 (CCDC181) (NM_001300969) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | C1orf114 (CCDC181) (NM_001300969) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CCDC181 |
| Synonyms: | C1orf114 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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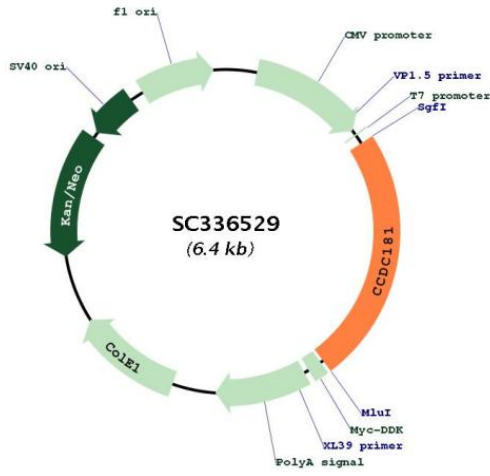
Fully Sequenced ORF: >SC336529 representing NM_001300969.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATGAAAAATAAGATACTGATTCAAAGAAAAGTGAAGAATACGAAGATGACTTTGAAAAGGACCTG
GAGTGGTTAATTAATGAAAATGAAAAAGTGATGCCAGCATAATAGAGATGGCTTGTGAGAAGGAAGAG
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CATTATAACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001300969

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| Insert Size: | 1530 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: | <u>NM_001300969.1</u> |
| RefSeq Size: | 1928 bp |
| RefSeq ORF: | 1530 bp |
| Locus ID: | 57821 |
| UniProt ID: | <u>Q5TID7</u> |
| Cytogenetics: | 1q24.2 |
| MW: | 60.1 kDa |
| 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 (3) differs in the 5' UTR and uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (b) is longer than isoform a.</p> |