

Product datasheet for **SC113867**

C1orf181 (ZNHIT6) (NM_017953) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf181 (ZNHIT6) (NM_017953) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf181
Synonyms:	BCD1; C1orf181; NY-BR-75
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113867 sequence for NM_017953 edited (data generated by NextGen Sequencing)

```
ATGGAGTTTGCTGCTGAAATGAAGGGAAGTCTGGGGGAGGTCTCCACAGCGTAGCTGAG
GGGGTGC GGCTAAGTCCAGAGCCTGGCAGGGAGGGAGTAAGGGACTTAGCAGGGGCGGAG
GAGTTCGGCGCGGAGAGGAGGGGACAGGGCTGACAGGGATAAAGGAGATAGGGGATGGA
GAGGAAGGAAGTGGACAAAGGCCAGAGGAAATACCGATGGACCTAACGGTAGTGAAGCAG
GAAATTTAGACTGGCCAGGTACAGAAGGCAGGTTGGCTGGCCAGTGGGTAGAACAGGAG
GTGGAGGATAGGCCTGAGGTGAAGGATGAGAACGCAGGCGTATTGGAGGTGAAGCAGGAG
ACGGATAGTAGTTTAGTGGTAAAAGAAGCGAAGGTGGGTGAACCAGAGGTAAAGGAAGAG
AAGGTAAAGGAAGAGGTAATGGACTGGTCAGAAGTGAAGGAAGAGAAGGATAACTTGGAG
ATAAACAGGAGGAGAAGTTTGTGGTCAATGCATAAAGAGGAATTGATGCATGGAGAG
TGTGTAAGAAGAGAAGGATTTCTGAAGAAAGAAATCGTGGATGATACAAAGGTGAAA
GAAGAGCCTCCGATAAATCACCCGGTGGGCTGCAAGCGGAAACTGGCCATGTCAAGGTGT
GAGACTTGTGGTACAGAAGAAGCAAAAGTACAGATGTCCACGTTGTATGCGATATTCCTGC
AGTTTGCCTGTGTAAAGAAACACAAAGCAGAACTGACATGTAATGGAGTTCGAGATAAA
ACTGCATACATTTCAATACAACAGTTTACTGAAATGAATCTCCTAAGTGATTATCGATTT
TTGGAAGATGTGGCAAGAAGCAGCGGACCATATTTCTAGAGATGCTTTTTTGAAGAGACCA
ATAAGCAATAATATATGTACTTTATGAAAAATCGTGCCCGGAGGCAAGGTATTAACCTTA
AACTTCTACCCAATGGATTACCAAGAGGAAGGAGAATTCAACCTTTTTTGATAAGAAA
AAACAACAGTTTTGTGGCATGTGAAGCTCCAGTTTCTCAAAGTCAAGCTGAGTACATA
GAAAAAGAGTACCAGATGATAAACTATTAATGAAATCCTAAACCTTACATTGATCCT
GAAAAGTCTGATCCTGTAAATTCGTCAAAGGTTGAAAGCCTACATTCGCTCTCAGACTGGG
GTTCCATTTTAAATGAAGATTGAATATATGCAGCAAAATTTAGTAAGATATTATGAATA
GATCCTTATAAAAGTCTCCTAGACAATTTGAGGAACAAAGTGATCATTGAGTATCCAACA
TTACATGTGGTATTGAAAGGATCCAATAATGACATGAAAGTTCTTCACCAAGTGAAGAGT
GAATCTACCAAGAAGCTTGGCAATGAAAATTGA
```

Clone variation with respect to NM_017953.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017953 unedited

```
GTTCAAATATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGGCTGCTTG
GCTCCACACGTGGGCCGCGTAGGTATTCGACCGGTAATTCCTCCTATTGGTGTGCAGC
AGCCACATTGAAGGATAGAGTGGCAGCAGAGGCCAAGGATCGTGAGTTGATGGAGTTTGC
TGCTGAAAATGAAGGGAAGTCTGGGGGAGGTCTCCACAGCGTAGCTGAGGGGGTGC GGCT
AAGTCCAGAGCCTGGCAGGGAGGGAGTAAGGGACTTAGCAGGGGCGGAGGAGTTCGGCGG
CGGAGAGGAGGGGACAGGGCTGACAGGGATAAAGGAGATAGGGGATGGAGAGGAAGGAAG
TGGACAAAGGCCAGAGGAAATACCGATGGACCTAACGGTAGTGAAGCAGGAAATTATAGA
CTGGCCAGGTACAGAAGGCAGGTTGGCTGGCCAGTGGGTAGAACAGGAGGTGGAGGATAG
GCCTGAGGTGAAGGATGAGAACGCAGGCGTATTGGAGGTGAAGCAGGAGACGGATAGTAG
TTTAGTGGTAAAAGAAGCGAAGGTGGGTGAACCAGAGGTAAAGGGAGAAGAGGTAAAGGA
AGAAGTAATGGACTGGTCANAAAGTGAAGAAGAGAAGGATAAATTGGAGATAAACAGGAG
GAGAAAGTTGNTGGTCAATGCATANAAGAGGATTGATGCATGGAAGTGTGTAAAAGAAGA
GAAGGATTTTCTGAGAAAGAATCGTGGTGATCCCAAGGTGAAGAAGACCTCCGATAATCA
CCCGTGGGCTGCAGCGGAAGTGGCCTGTCAGGTGTGAGACTTGTGTACAGAAGAACAAGT
ACAGATGTCACGTGTATGCGATATTCTGCAGTTTGCCTGTGTAAAGAACAAGCAGACT
GACTGTNATGNAGGTGAGAAAACTGCTACATT
```

3' Read Nucleotide Sequence:

[illegible]

Restriction Sites:

Not|-Not|

ACCN:

NM 017953

Insert Size:

2880 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:

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 017953.2, NP 060423.2

RefSeq Size:

2821 bp

RefSeq ORF:

1413 bp

Locus ID:

54680

UniProt ID:

Q9NWK9

Cytogenetics:

1p22.3

Gene Summary:

Required for box C/D snoRNAs accumulation involved in snoRNA processing, snoRNA transport to the nucleolus and ribosome biogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.