

Product datasheet for **SC113003**

C6orf47 (NM_021184) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: C6orf47

Synonyms: D6S53E; G4; NG34

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC113003 sequence for NM_021184 edited (data generated by NextGen Sequencing)

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ATGTTCTCGACGGCTTGGTGGCTGGCTACCTCGCCCTTGGGGCCGCCGAAACCAATG
AGGCCTGACCCGCTTACCCAGAACCAGACGGGTGGACAGCTCCTCGGAGAATTCAGGA
AGTGACTGGGATAGTGCCCGAGAAACCATGGAAGATGTGGGGCATCCCAAGACTAAGGAC
TCGGGGGCATTGAGGGTTTCTGGGGCTGCTCCGAACCAAGCAAGGAGGAGCCCAAGTT
GAGCAGCTAGGGAGCAAAAGAATGGATTCCCTCAAGTGGGACCAGCCTATCTCTAGCACT
CAAGAGTCTGGGAGACTGGAGGCTGGAGGGGCCAGTCCCAAACTCAGATGGGATCATGTG
GATTCAGGTGGCACCAGGAGACCCAGGGGTGTCCCTGAAGGGGGACTGAGCGTCCCTGGG
CCAGGAGCCCCATTGGAGAAACCTGGTAGGCGTGAGAAGCTGTTGGGCTGGCTGCGGGGG
GAACCAGGAGCTCCCTCCCGTACTTGGGGGGCCAGAGAGTGTCTGCAGATCTCCACC
AACCTGACCCTGCATCTTCTGGAGCTGCTGGCCTCTGCCCTGCTGGCCCTGTGCTACGA
CCACTGCGGGCAGCCTTGGACACACTGGGCCTGCGTGGACCGCTGGGCCTCTGGCTACAT
GGCCTACTGTCTTCTGGCTGCCCTGCATGGGCTCCATGCTGTTCTGAGCCTACTTACT
GCCCACCTTTGCACTTCGCCTGCCTCTTTGGTCTCCTGCAGGCCTTGGTGTGGCTGTC
AGCCTCCGGAGCCCAATGGGGATGAGGCGGCCACTGACTGGGAGAGTGAGGGGTTGGAG
AGGGAAGGTGAGGAGCAGAGGGGAGACCCGGGAAAGGGGCTGTGA
```

Clone variation with respect to NM_021184.3



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_021184 unedited
 NGGGTTACATTTGTATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGGGACATC
 TTAGTTCTGACCTTGTGGAGGCCGCGTCTCTGCTGCGTGTTCGCGGGCCAGTCGGGCCAC
 TTTGTAGAAATCATAGCCCTCTAAATCAAGGGACGAACGCTGCTGGCTGGAGTTTGCTGG
 ACATTTTCATTCCACCTCCTAACAAGAGAATTCCTATTCTTGAGGTCCCTTGGGGCAG
 CAGTTAAAGACTACACGATCCAGGAGCACCTAGGACCTGGGGCCACCTTCCTGCCCCTT
 TATTGGATGGAGCACTGCCTCCCCAGTTTCTGGGACACCTTGGGGTGTGGCCTTGGTGAG
 TGAAACTTGGGGTGTGCTGCTGCTGGGAAGGAAATCCGGAACGCAGAGAGGACTCTCTGG
 TGGTGACCCAGGCCTTGTGAGATCTGAGATTCTTGGAATCTCAGATTGTGGGGGTGTGGA
 TGGTGAATGAATTTGGGTATGCCCCCTTTACCCAGAACTGAAGAGGAAGCAAACACT
 TGCCACACTTGAGGCTGCATGACTATTAGAGAAGGGAGGACCACTTCTGAATTCAGAG
 TAGGACTGCATCACCAGGCAAAATACCTGTTCTGAGCCAGANAGACTCTGGCTTCTGAGGA
 GATCCTGAGAGTCTGAGTAGTGCCAGGAAGCAGCCTCAGAATTTGGGGGCCATTACACA
 CCCCAGCCATGTTCTGCGACGGCTTGGTGGCTGGCTACCTCGCCCTTGGGGCCGCGGG
 AACCAATGANGCCTGACCCGCTTACCCAGAACCAGACGGGTGGACAGCNTCTCGGAGA
 ATTCANGAAGTGACTGGGATAGTGCCCAAGACCATGGAAGATGTGGGCATCCAGACTA
 AGACTCGGGCATTGAGGTTTC

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_021184 unedited
 CGCGGCCCGCAATTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 CTCACCTTTGTAGGGGTATATTTAGGATTTGATGTGACACAGTTATTTATTGCTGAGTGAG
 CAAACCCCTAGCCCCAAGTGGGGACTACAGGCTTCAGTGCTTCCCCCACTGCCTGAG
 CTACCAGCCCTTTGCACTGGCCCTCCTGCCAATACTGCCTGCACTGTCCCCACTCCCTT
 TGGCTCCCATGATACCAAATCCGCCCTGCAGGCTCCCTGTACCTGTGGGGCCCTATCC
 AAACCCCTAATCACTTGCCTAGCAGCCCCACTCTTCCCTCGATGGCTCAAATCCTGAG
 ATCCAAGGAACACCTGGGTTTCCCAACCACTCTCTTACTGCAGAGGTCTGTCTATCCTG
 CCCTGGTCTCCTCCACCCAGGAGAGTTTTCAAGGTAGAGAGGACCCCTTGGTCTTTAT
 TCACCACCATCATACTTTTTTTTTTTTTTGGCTTTAAAAAGTGGAGGGGAAAAAAAAAA
 AAAACTGAAGGCGGGAGAAAAAGTAAAGCCAAATTAACAGCTGGGGAATCCAAGAGCAGG
 GCCCCCTACTGCCATAACACAAACACCTAAAAAGCTTCGGTCTCCCTGGGTATGAAGG
 GGGGGCCCTGACCCTTGTCTTGGGTTTTCTCCCATCCCTTAGGCCCTATGCTCTCA
 ATTTGGGCCACGCTCCACACTTTTCTCTAAAGCCACCTTTTTTACACCTTGGTCCCAC
 CCCAAGTGTCAAACCTCCTTCCCGAGGCCCCCTTTTCCCTTCACTTTCCCTTTTCAA
 CACCCCTTTTCTTATTACCGGGTCCCCACCCCTCTGGGCCTCCGGGAGTCTCACC
 TCTCCCACTGCCCTGCTTCCCATCAAACCTCGTCATTCTCAAGGGCGGTACAAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_021184

Insert Size:

2390 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_021184.3, NP_067007.3</u>
RefSeq Size:	2475 bp
RefSeq ORF:	885 bp
Locus ID:	57827
UniProt ID:	<u>O95873</u>
Cytogenetics:	6p21.33