

## Product datasheet for **SC104852**

### **C6orf165 (CFAP206) (AK098840) Human Untagged Clone**

#### **Product data:**

|                           |                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                              |
| Product Name:             | C6orf165 (CFAP206) (AK098840) Human Untagged Clone                                               |
| Tag:                      | Tag Free                                                                                         |
| Symbol:                   | C6orf165                                                                                         |
| Synonyms:                 | C6orf165; dj382l10.1                                                                             |
| Mammalian Cell Selection: | None                                                                                             |
| Vector:                   | <u>pCMV6-XL4</u>                                                                                 |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                           |
| Fully Sequenced ORF:      | >NCBI ORF sequence for AK098840, the custom clone sequence may differ by one or more nucleotides |

ATGCAGCATATTGATTACCAGCTTGAGACTGCCGGAGCCAGGTATACCGCTACACAGCCATCCTTGAGA  
AGGCAGCCAACGACCCACTCATGAGGGCTGAACCTCAGCCATATATGTTAAAAGAAGCGCTATATAATAT  
ACGACAATATGAGGTCTTCCTTCAGATCATTTTGTGAGATATAATTACTGGTGCTCAAGAAGTGAAATG  
ATGACAAAACAGTTAGGAGCCCATCTGGAACAATAAAATGACCATAAAATCAAAGATAGCGGTCCCAA  
CATCACAAGTCTTTCCTATCTTCATTGCACTTTCTACTCTGTGGACCAGCTTGCAAGACGAACTATTGT  
GGTTGGTGCTCCTCAGTAATTTATCACTCACATTCAGCCATTCTTGGGTGCTCACGAACATACTTCTCT  
GAGAGAGTGATGCAATGTCATCTTAATGGAGCGACTGTGAAAACGATGTGTGTAGAATGAAAGAACACA  
TGGAAGATAGAGTAAATGTGGCAGATTTTCAGAAAACAGAAATGGCTTTTCCAGAAAACAACAGCAATTT  
TGATAAATCTGTAATTCATATCGGGGATTTTGTGCTTACACGTTTGCTGCAACAGATGGTCTTCTCCTT  
CCAGGAAATCCAGCAATTGGAATTTTAAATATAAAGAAAAATATTACACATTCAATAGTAAAGATGCTG  
CATATTCATTTGCAGAAAATCCTGAACATTATATTGACATAGTTAGAGAAAAGGCCAAAAAATACAGA  
GTAAATCAACTATTGGAACCTCATCAACAGTTTGAAACATTTATTCCATATTCTCAGATGAGAGATGCT  
GACAAACATTATATAAAACCAATTACAAATGTGAAAGTAGCACACAGACGAATACACATACTGCCAC  
CAACGATTGTGAGATCATATGAGTGGAATGAATGGGAATTAAGAAGAAAAGCTATAAAATTGGCTAATTT  
GCGCCAGAAAGTTACTCACTCAGTACAACTGATCTTAGTCACCTTGAGAAGAGAAAATTGTTCCCAAGTG  
TACCTTCCAAAGGACACTAGCACCCAGTCCATGAGGGAAGACAGCACTGGGGTGCCAGGCCTCAGATTT  
ACTTGGGTGGTCTTCGTGGAGGAAAGAGCGAAATCACCGATGAGGTCAAGGTGAACCTTAAGTAGAGATGT  
GGATGAACCTAA



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for AK098840 unedited  
 AAAAGGGTGGCGCATTAGGNATACGTCTACTATAGGGCGGCCGGAATTCGCACCGGTTT  
 TTCCTCAGGCAGAGCTTGGGACATTTCTAACTCTTTCTAAGAAGGACAAAGAACGCCAGC  
 TGAAAGAACTCACCATGATTGTTACTGGAATTCGTTTATTTAACAGAGACTGTGGAAAAG  
 GAGGAGAAGGCATTGATGATTTGCCAGCTGTTCTCCATGTAGCAATCCCAGCCACCATGC  
 AGCATATTGATTACCAGCTTGAGACTGCCCGGAGCCAGGTATACCGCTACACAGCCATCC  
 TTGAGAAGGCAGCCAACGACCCACTCATGAGGGCTGAACCTCAGCCATATATGTTAAAAG  
 AAGCGCTATATAATATACGACAATATGAGGTCTTCCTTCAGATCATTTTGTGAGATATAA  
 TTAAGTGTGCTCAAGAAGTGAAATGATGACAAAACAGTTAGGAGCCCATCTGGAACAAC  
 TAAAAATGACCATAAAATCAAAGATAGCGGTCCCAACATCACAAGTCTTTCCTATCTTCA  
 TTGCACCTTTCTACTCTGTGGACCAGCTTGCAAGACGAACTATTGTGGTTGGTGCTCTCA  
 GTAATTTATTCTACTCACATTCAGCCATTCTTGGGTGCTCACGAACTATACTTTCTGAGA  
 GAGTGATGCAATGTCATCTTAAGGGAGCGACTGTGAAACTGATGTGTGTAGAATGAAAG  
 AACACTTGAAGATAGAGTAAATGTGGCAGATTTAGAAAAGTAAATGGCTTTTCCAG  
 AACACAGCAAAATTTGATAAACTGTAATTCAATATCGGGGATTTTGGGCTTACCCTTTT  
 GCTGCACCAATGGGCCTCTCTCCAGGAATCCACATTTGGGATTTTAC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for AK098840 unedited  
 GTAAAAACCTTTTTTTTATTCAAAGTTTTTCATTTTAGTGAGTTTAAAGAGAGGAATTC  
 AACAGAGACAGGAGAGAGAAAGAAAGACCACTTAAGAGATGAACAACAGGCTTGGCATGGT  
 GGCTCGTGCTATAATCCCAACACTTTGGGATGCCAAGGCGGGAGGATAACTGAATCCT  
 AAGTTTGAGACCAGCCCGGGCAACATGGCGAGACCCCATCTCTACAAAAAGTTTTTTAA  
 AAAAAATTAGCCAGGCATGGTGGCACCTGCCTGTAGTCCCAGCTACTTGGGAGACTGAGGC  
 AAGACGATCCCTTGAACCCAGGAGTTGGAAGGTACAGTAAGCTATGATTGTGCCAGTGCT  
 CTCCATCTGGGTGACAGAGTGAGACCTTGCTCTGAGAATATGGAATAAATGTTTCAAA  
 CTGTTGATGAAGTTCCAATAGTTGAATTAAGTCTGTATTTTTTTTGGCCTTTTCTCTAAC  
 TATGTCAATATAATGTTTCAAGATTTTCTGCAAATGAATATGCAGCATCTTTACTATTGAA  
 TGTGTAATATTTTTCTTTATATTTTAAATTCGAATGCTGGATTCTCTGGAAGGAGAAG  
 ACCATCTGTTGCAGCAACGTGTAAGCACATAATCCCGATATTGAATTAACAGTTTATC  
 AAAATTTGCTGTTGTTTCTGGGAAAAAGCCATTCTAGTTTCTGAAATCTGCCACATTTAC  
 TCTATCTTCCATGTGTTCTTTTCTTCTACACACATCAGTTTTCACAGTCGCTCCATTAAG  
 ATGACATGGCATCACTCTCCTCAGAAAGTATAGTTTCGTGAGACCCAGGATGGGCTGG  
 ATGA

**Restriction Sites:**

NotI-NotI

**ACCN:**

AK098840

**Insert Size:**

1500 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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">AK098840.1</a></u> , <u><a href="#">BAC05430.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>           | 1426 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 1203 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 154313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 6q15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Summary:</b>          | May regulate cilium motility through its role in the assembly of the axonemal radial spokes.<br>[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                   |