

## Product datasheet for **SC106004**

### **C14orf80 (BC016028) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf80 (BC016028) Human Untagged Clone
Tag:	Tag Free
Symbol:	C14orf80
Synonyms:	chromosome 14 open reading frame 80
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC016028, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGCCAGGCCGAGTGCCTCTGGGTGACGAGATGACTGTGTGCCAGATCCACCTGTACACACGCG  
GCTGCCACAGCGACCAGAGCCTTAGCCATCTGTCTGTCACTGAAGCAGAGATGCTCAGGGACCCAGAGGG  
AGGCCAGCAGCTGCTGCGGACTCTGGAGCGTGAGAACCAGCGCCTGGAGGCTGTCTGCGTGGCGGCGC  
TCTGAGCTGGTCTTCTGGCGGTGGATGGACACGGTCTGGGCACCTGTGCCCGGAGGTGCCTGCTGCAG  
CCTCACAGCCACCTTCTGCCCTGGGTCCCCGAGCGGGGGTGGCGAGTTGGACCTGGTAGTGCGGGA  
GCTGCAGGCACTGGAGGAGGAGCTGCGGGAGGCTGCGGAGCGCAGGCGGGCGGCCTGGGAGGCCAAGGCT  
GGAGGCTGTGGACGGGGCCAGAGTGGAGTGCCCGCGCGGGCCTCTCGGGAGGCTGTGAAAAGGAGC  
TGGGAGCTCTACAGCAGTGTGGAGCGAGACGGTGGCCCGGCCAGCCCATGGCCACACCGGCTGGT  
GAGACGAGAGGATGGGGCAGCAGGGGACCGGGACCTGCGGGCAGCTGTGGTGATCAGGACCTGAGGAGC  
CAGGAGGCTGCCTGGAGGCGGTGCTACGTCGACTACAGGGACAGTGTCCGAGGAACTGGCCAGGCTGG  
TGGGAGCCCGCCTGGTCTCATCTGGATCCCGCCACCTGGACGCTGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for BC016028 unedited            TCGAATTTTGTAAATACGACTCACTATAGGGCGGCCGCAAATTCGCACGAGGGCGCAGGT            CCCAGCCGCCGCACTAAACCCGGCCCGTGCAGTATTGGACGCAGGCCCGGGCCGCGGC            GGAGGCGGGCGATCCGAAAGAGGCTGGTGTGCTGCATGGGGAGGCGGCGCAGCGGT            GGACCCCGCGGCTGGGGCCCGGGCCGGGCCCTGCCTGAGGCCATCGCCGCTTGAGTCG            GTGCTGCCCTCGGGACCCAGCCCGAGATCTTCGCCCGGCCAAGTTCGACCGTCCGGA            GCGCAGCTCCGCGCTCTGGCAGTCTCTCCGTGTGCTCTGCCACTCCCTGCGGGCAA            CGCCTTGGCATCGCTCGCCCTGGAGGTCCAAGCCGCTTGGTGAAGTCAGCACTATGCTC            CCAGGGCTACCCGAGGCTGGCACTGGCACTACCTGAGGATGGCTCGCAGGGCAGTCG            GGAGCTGTGCTGGCTCTGCTGGCTCTTGGCCGAGGACCTGTGCCGAGCAGATGCT            GGCCAGGCCGAGTGCCTCTGGGTGACGAGATGACTGTGTGCCAGTGTGAGGCCCTGGC            CAGCCCTGGCCACCTGCACCCACATGGAAGCAGAGGGTCTGTGGATGTCGCCATGT            GCAGTGGCTGATGGAAAGCTGCGGTTCCGGTGGCGCCAGCTGGTGTCCAGTCAGCAGGA            GCAGTGCGCCCTCTGAGCAAGTGTCTGCGGACTCTGGAGCGTGAGAACCAGCGCCTGGN            AGCTGTCTGGCGTGGCGCGCTCTGAGCTGGTCTTCTGGCGGTGGATGGACACNGTCNC            TGGCACCTGTGCCCGGAGGTGCTGCTGCAGNCTCACAGNCCAACTTCTGCCCTGGG            TCCCCGAGCGGGGTGGCGAGTGGNACCCTGTANTGCGGNAGCTGCAGCACTGGAGAAN            NGACTGCGGAGGCTGCGACC</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for BC016028 unedited            TTTAAGGTTTACTATGNACCGCCGCATACNAAGATCGATTTTTTTTTTTTTTTTTTTTT            TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTTTTGAAGGGGAGGGCCAACGGCCAAGAAA            CTGCTACAATTTATTTCCCAATCCCTCCAAAACACCAAGCTGAACCCGGCACGAACCCC            TCAAGAGGACCAACCATTCTGTCCCCAGTGTGTAACCACAAGCCTGGGATCCCGCCA            AAATCAACCCAACCCACCCCTGGAACGAGCATGTGAAGTGGGCTCTGGATTTGCATTGT            CCCTGGGGCCACCTGGCCTTGAATCTGCTCCTCCAAAACCAACCAGGCTGGGCAAGG            GAAGCTTCCCACAAAAGGCCCGTCAAAAGGGCCTCAACGTCCAAGTGGGGGGATCCAAA            TGAAACAGGGGGGGCTCCCACCAACCTGGGCAGTTTCTGGCGCACTGGCCCTGTAGTC            CAAGTAACACCCCTCCAAGCAAGCCCTGGGTCTCAACGTCTGATTACCACAACCTG            CCCCCAAGTCCCGGGCCCTGGTGGCCATCCTCTTGTTTTAAACAACCGGTGTGGCCAT            GTGGCTGGGCGGGCCAAAGTCTTGTCTCCAACTGGTGGAAAGCTCCCAACTCTTT            TTCACAACTCCCGAAAAGCCCGCGCGGGACTCCAATTTGGGCCCGTTCAAAGCT            CCAAACTTGGGCTCCCAAGCCGCGCCTGGGCTCCGAAACCTCCCGAACTTCTCCCTC            AGTGCCCGGAACTTCCCGACTAACAGTTCAAATTGGCAACCCCGCCTCTGGGACCCAAG            GCAGGAAAGGGGCTTTGAAGC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC016028
<b>Insert Size:</b>	1600 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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:** [BC016028.1](#), [AAH16028.1](#)

**RefSeq Size:** 1419 bp

**RefSeq ORF:** 1419 bp

**Locus ID:** 283643

**Cytogenetics:** 14q32.33

**Gene Summary:** May play a role in counteracting perturbation of actin filaments, such as after treatment with the actin depolymerizing microbial metabolite Chivosazole F.[UniProtKB/Swiss-Prot Function]