

## Product datasheet for **SC126313**

### **C17orf62 (BC004171) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C17orf62 (BC004171) Human Untagged Clone
Tag:	Tag Free
Symbol:	C17orf62
Synonyms:	MGC4368
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

```
>OriGene sequence for BC004171 edited
GACCGCTGTGCTCTCGACCCCTCCTCTGTAGAGAGTGGTGTGCCCTCTCGGGATGTAC
CTGCAGGTGGAGACCCGCACCAGCTCCCGCCTCCATCTGAAGAGGGTCCAGGCATCCGG
TCCTGGTCCCTGCTGGTTGGAATCTTGTGCGATTGGCCTGGCTGCTGCCTACTACAGCGGA
GATAGCCTGGGCTGGAAGCTCTTCTACGTCACAGGCTGCCTGTTTGTGGCTGTGCAGAAC
TTGGAGGACTGGGAGGAAGCCATCTTCGACAAGAGCACAGGGAAGGTTGTTTTGAAGACG
TTCAGCCTCTACAAGAAGCTGCTGACTCTTTTCAGAGCTGGCCACGACCAGGTGGTGGTC
CTGCTCCATGATGTCCGTGATGTGAGCGTGGAGGAGAGAAGGTCGGTACTTCGGGAAA
GGCTACATGGTGGTGTCCGGCTTGCACGCGGGTCTCCACCCCTCACGCAGAGTGCA
GTCATGGGCCACCGCAGTGATGTGGAAGCCATCGCCAAGCTCATCACCAGCTTCTGGAG
CTGCACTGCCTTGGAGAGCCACAGAGCTGTCTCAGAGCAGCGACAGTGAGGCCGGTGAC
CCTGCAAGCCAGAGCTGACAGCCCACTGTGCCTGAGCCCGTGCACCGCCACAGGACCC
ATGGCACATTCGGGTGTGCCTGAGCCCGTGCACCGCCACAGGACCCGTGGCACATTCC
CGGTGTGCCTGAGCCCGTGCACCGCCACAGGACCCGTGGCACATTCGGGTGTGCCTGA
GCCCGTGCACCGCCACAGGACCCGTGGCACATTCGGGTGTGCCTGAGCCCGTGCACCG
CCACAGGACCCGTGGCCTTGGCTTCAGTTGGTGCCTCCAGCCGAGTTGGCCTATTGCC
GCTCATGTGCTGCTTGCACACTGCATGAAACAGCAGGCCAGACCAGGACATCCAGACTT
TCTCCATCGTGAGGCCTGGGCTGCCTTCTGCAGCCGGAGGTCTCGCCAGCCCTGGACT
CCTGCTTTGGGCCACAGCAAGACCTCGGGCGAGTGGAGAGGGGGCCAGGCCGGGCCCT
TGTGGGTGCTGATGCTGCATGTTGTCCCGACACAGCGTCCTCTCCCTGGTGGACATCCC
CAGCGGTGAGGTGCTTCCCAAGGGCAGTGAGGGTGAACATCCAGGGCTACCTGGCTG
TGCACGCTGCAGCCACTGTGGAAGCTGCCCCCCCCGAGGACCCGCTCCCTTGTCTGA
TGCCAGGATCTCGGCGCATAGACCACTCTGCCCCAGCGTGTGCACAGAAAGTCTCTCT
GTTCTCACACTCAGCTTCAGCATAAGCTGTGAGGCCAGAAAAAAGGTCAGCTCTTCTAG
TATCGTGCAGTGCTTAAAAACCGGGAGCTCCAGCCGGGCGCAGTGGTTCATGCCAGTAAT
CCCAGCACTTTCGGAGGCCGAGGTGGGAGGATTGCTTGAGGCCAGGAGTTCAAGACCAGC
CTGGGCAACACAGCAAGATCCTGTCTTTGTAAAAAAACTAACCAACAGGAAAAACTGGG
AGATTTTCTGCAGAAATTGAGTTCAGCCTCTCTCGAACCTGGGAAGACCTGGCAGGAGG
GGGCTGGGCTCTCGGCTACAGACTTCTCCCACCCCGTAGGAGCTGAACGCCAACCATCC
TGACCCGCCAGTCTCTGGTCTCCTGAGTGTACCCAGGTCTCCAGGTGCGGTGTGCA
CCGAGCGCGCCTGGCCTGATGCCCTGGCCTGTGAGCTGGGACTCCTGGGCCCTGTGAGC
CCCTAGCGCGCAGGCCAGGAATGGCTGGGTAGGACAGGGAACACCTTTGCCCCAGTCT
GGCTGTGACCTCGGTGAAAGCCGACAGGAGAGAGATGGGACCTCCTCCTCAGTAGTGGC
TGCCAGTCCCTCGTTGCAGGACAGGGTCATCATAACCATAAATAACCCCTCACGTGTCAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC004171 unedited NGGGGTTACATTTGTATACGACTCATATAGGCGGACCGGATTCCGGACGAGGGACCGC TGTGCTCTCGACCCCTCCTCCTGTAGAGAGTGGTGTGCCTCTCGGGATGTACCTGCAG GTGGAGACCCGACACAGCTCCCGCCTCCATCTGAAGAGGGCTCCAGGCATCCGGTCTGG TCCCTGCTGGTTGGAATCTTGTGCGATTGGCCTGGCTGCTGCCTACTACAGCGGAGATAGC CTGGGCTGGAAGCTCTTCTACGTACAGGCTGCCTGTTTGTGGCTGTGCAGAACTTGGAG GACTGGGAGGAAGCCATCTTCGACAAGAGCACAGGGAAGGTTGTTTTGAAGACGTTCCAGC CCTACAAGAAGCTGCTGACTCTTTTCAGAGCTGGCCACGACCAGTGGTGGTCCCTGCTC CATGATGTCCGTGATGTGAGCGTGGAGGAGGAGAAGGTCCGGTACTTCGGGAAAGGCTAC ATGGTGGTGTCCGGCTTGCACGGGCTTCTCCACCCCTCACGCAGAGTGCAGTCATG GGCCACCCGAGTGATGTGGAAGCCATCGCCAAGCTCATCACCAGTTCCTGGAGCTGCAC TGCCTTGAGAGCCCCACAGAGCTGTCTCAGAGCAGCGACAGTGAAGCCGGTGACCCTGCA AGCCAGAGCTGACAGCCCACTGTGCCTGAGCCCGTGCACCGCCACAGGACCCATGGCA CATTCCCGGTGTGCTGAGCCCGTGCACCGCCACAGGACCCGTGGCACATTCCCGGTGT GCCTGAGCCCGTGCACCGCCACAGGACCCGTGGCACATTCCCGGTGTGCTGAACCC TGCACCGCCACAGGACCCGGGCCATTCCCGGTGCTGAGCCCGTGCACCGCCACA GAG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC004171
<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).
<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>	<a href="#">BC004171.2</a> , <a href="#">AAH04171.1</a>
<b>RefSeq Size:</b>	2023 bp
<b>RefSeq ORF:</b>	561 bp
<b>Locus ID:</b>	79415
<b>Cytogenetics:</b>	17q25.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Necessary for a stable expression of the CYBA and CYBB subunits of the cytochrome b-245 hetrodimer. Controls the phagocyte respiratory burst and is essential for innate immunity. [UniProtKB/Swiss-Prot Function]