

## Product datasheet for **SC126308**

### **C7orf42 (TMEM248) (BC010519) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C7orf42 (TMEM248) (BC010519) Human Untagged Clone
Tag:	Tag Free
Symbol:	C7orf42
Synonyms:	chromosome 7 open reading frame 42
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for BC010519 edited  
 GGCGGCGGGAGCCCGTTGGCGTCTGGTCTTCGCGTCGGCCCCGCGGAGCCAGACGCTGC  
 CCCCAGCGCGGGGAGAAGATGGTGCCGAGCGGCCCTCGGGCCCCACGCGCCGCCACGAG  
 TGAGCCCAGCGCGACCGCGGGCGTCCGCCGAGCAGCTGGCCCCGGTGGGCCCGGGGCGCG  
 CAGCTGCCCGCCGGGGCGGGGTGGAGCTGATCAGAATAATGTTTCAGCATCAACCCCTGG  
 AGAACCTGAAGGTGTACATCAGCAGTCGGCCTCCCCTGGTGGTCTTCATGATCAGCGTAA  
 GCGCCATGGCCATAGCTTTCCTGACCTGGGCTACTTCTTCAAATCAAGGAGATTAAT  
 CCCAGAAATGGCAGAGATTGGAATACTTTTCTGCTACGGTTCAATGATTTGGACTTGT  
 GTGATCAGAGAATGAAACCTCAAGCATCTCACAACGACACCACTCCGAAAGTA  
 CAATGACCAGCGGGCAGGCCGAGCTTCCACCCAGTCCCCCAGGCCCTGGAGGACTCGG  
 GCCCGTGAATATCTCAGTCTCAATCACCTAACCTGGACCCACTGAAACCTTCGGAG  
 GGTATCCCGCAACGTCACCCATCTGACTCAACCATCTTAGGGCATCAGATTGGACTTT  
 CAGGCAGGAAGCCACGAGGAGATAAACATCACCTTACCCTGCCTACAGCGTGGAGCT  
 CAGATGACTGCGCCCTCCACGGTACTGTGAGCAGGTGGTATTACAGCCTGCATGACCC  
 TCACGGCCAGCCCTGGGGTGTCCCGTCACTGTGATGACCGTTCAATAAAATTTGCA  
 TCTCATGCACACCAGTACTTCCCTTTGTGATGGTGATAACAATGTTTTGCTATGCTGT  
 TATCAAGGGCAGACCTAGCAAATTCGTCAGAGCAATCCTGAATTTTGTCCCGAGAAAGT  
 GGCTTTGGCTGAAGCCTAATCCACAGCTCCTGTTTTTTGAGAGAGACTGAGAGAACCA  
 TAATCCTTGCCTGCTGAACCCAGCCTGGGCTGGATGCTCTGTGAATACATTATCTTGGC  
 ATGTTGGGTTATCCAGCCAAAGACATTTCAAGTGCCTGTAACCTGATTTGTACATATTTA  
 TAAAAATCTATTCAGAAATTTGGTCCAATAATGCACGTGCTTGGCCTGGGTACAGCCAGA  
 GCCCTTCAACCCACCTTGGACTTGAGGACCTACCTGATGGGACGTTTCCACGTGTCTCT  
 AGAGAAGGATTCCTGGATCTAGCTGGTCACGACGATGTTTTACCAAGGTACAGGAGCA  
 TTGCGTCGCTGATGGGGTTGAAGTTTGGTTTGGTCTTGTTCAGCCCAATATGTAGAGA  
 ACATTTGAAACAGTCTGCACCTTGTACGGTATTGCATTTCAAAGCCCAATCCATT  
 TTGTGGATTTTATGTGTCTGTGGCTTAATAATCATAGTAACAACAATAATACCTTTTTCT  
 CCATTTTGCTTGCAGGAAACATACCTTAAGTTTTTTTTTTGTTTTTTTTTTTTTTTTGTT  
 TTTTGTTCCTTTATGAAGAAAAAATAAAATAGTCACATTTTAATACTAAAAA  
 AAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC010519 unedited  
 GCCTGGATTTGTATACGACTTCTNTAGGGCGGCCGCGACTTCACATCTGGTACCGGTCCG  
 GAATTCGCGGATATCGTCGACCCACGCGTCCGGGCGGGGAGCCCGTTGGCGTCTGG  
 TCTTCGCGTCGGCCCCGCGGAGCCAGCAGCTGCCCGCGCGGGGAGAAGATGGTGCCG  
 AGCGGCCCTCGGGCCGCCACGCGCCGCCACGAGTGTATCCAGCGCGACCCGCGGGCTCC  
 GCCGAGCAGCTGGCCCGCTGGGCCGGGGCGCGCAGCTGCCCGCGGGGCGGGTGGAG  
 CTGATCAGAATAATGTTTCAGCATCAACCCCTGGAGAACCTGAAGGTGTACATCAGCAGT  
 CGGCCTCCCCTGGTGGTCTTCATGATCAGCGTAAGCGCCATGGCCATAGCTTTCCTGACC  
 CTGGGCTACTTCTTCAAATCAAGGAGATTAATCCCCAGAAATGGCAGAGGATTGGAAT  
 ACTTTTCTGCTACGGTTCAATGATTTGGACTTGTGTATCAGAGAATGAAACCTCAAG  
 CATCTCACAACGACACCACAACCTCCGAAAGTACAATGACCAGCGGGCAGGCCGAGCT  
 TCCACCCAGTCCCCCAGGCCCTGGAGGACTCGGGCCCGTGAATATCTCAGTCTCAATC  
 ACCCTAACCTGGACCCACTGAAACCTTNCGAGGGTATCCCGCAACGTACCCATCTG  
 TACTCAACCATTTANGGCATCAGATTGGACTTTCAGGCAGGGGAAGCCACGAGGAGAT  
 AAACATACCTTACCCTGCCTACAGCGTGGAGCTCANATGACTGCGCCCTCCACGGTCA  
 CTGTGGAGCAGTGTATTACAGNCTGCATGACCCCTACCGCCCGCCCTGGGGTGTCC  
 CGTCACCTGGGAGACCCGGTCATTAATAAAATTGCATCTAAT

**Restriction Sites:** Please inquire  
**ACCN:** BC010519

<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="#">BC010519.1</a> , <a href="#">AAH10519.1</a>
<b>RefSeq Size:</b>	1635 bp
<b>RefSeq ORF:</b>	609 bp
<b>Locus ID:</b>	55069
<b>Cytogenetics:</b>	7q11.21
<b>Protein Families:</b>	Transmembrane