

## Product datasheet for **SC112149**

### **C17orf101 (OGFOD3) (NM\_024648) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf101 (OGFOD3) (NM_024648) Human Untagged Clone
Tag:	Tag Free
Symbol:	C17orf101
Synonyms:	C17orf101
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_024648 edited  
ATGGCTCCTCAGCGGAGGGCCGCAACCAAGGCGCCCGAGGGCAACGGAGCGGCCGAGCGC  
CGGAACCGGAGCAGCACCAAGAAGGACCGAGCCCGCGGGAGGTGCAGAGGCTGTGGCAG  
AGGCCATGGCTAAGGACCGCGGGCTGGGGCTGGCTTTGTGCTACCGCACTCCTGCTC  
TGGAGCAGCTTGGGGCCGACGACGGGGTGCAGAGGTCTGGCCCGCCGTGGCGAGGTC  
GTGGCAGGGAGATTCATCGAGGTGCCCTGCTCTGAGGACTACGACAGTCACCGCAGGTTT  
GAAGGCTGCACTCCCGAAAGTGCAGGAGGTGTACCGATGTCGTCATCACCAGGGAG  
GAAGCGGAGCGGATTCGAGCGTAGCTGAAAAGGGGCTCTCCCTGGGAGGATCTGACGGA  
GGGGCATCCATTCTGGACTTGCAGTCCAGGGCCCTGTCTGTGGGAAGCACTTTGTGAAC  
CTGTACAGATACTTCGGGATAAAAATACAGAACATCTTCTCAGAGGAGGACTTCCGGTTA  
TACCGGGAGGTGCGGCAGAAGGTCCAGCTCACCATTGCTGAGGCTTTTGGCATCAGCGCA  
TCCTCGCTGCATCTGACCAAGCCACCTTCTTCTCCCGCATAAACAGCACGGAAGCGCGG  
ACGGCGCACGACGAGTACTGGCATGCGCACGTGGACAAGGTGACCTACGGCTCCTTCGAC  
TACACCTCGCTGTGTACCTCTCCAACCTACCTGGAGGACTTCGGCGGAGGGCGGTTTCATG  
TTCATGGAGGAGGGTGCCAACAAGACCGGTGGAGCCGAGAGCTGGATGTTTTGTTCCGG  
ATGATGTCTTGTGGTTCCAAGAAGTTAATGGACCGAGAGCCAGTGAAGCTGCTGGTGCG  
AAGGCTGGAGTCAGGTGTCTCCGGGACTCACCACCCGCCCAGAGGGGAGAGACACAT  
GCGATTCTGGAAGCTGAGAGCATTGCTTATTGTTGATTCTTGGTTGCCGTGCTGAGTCC  
TGCTTTAAGGAAGCAGGTGCGTCTCCTTCTTACCTCGGGTCCGAGAACCTACACCCG  
GTGGAGAAGGTCCACTGGGGCACCCGTTACGCCATTACCATCGCCTTCAGCTGCAACCCC  
GACCATGGCATCGAGGACCCAGCGTTCCCGTAG



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_024648 unedited  
 GTTCAAGATATTTGTNAATACGNACTTCACTATAGGGCGGCCGCGATTTCGGCACGAGCCT  
 GCCTCGCGCTCCCTGTTACGGCGTTTCGTCGCCGGGCTGGCGCCCGCTCCGGCCGGCT  
 CCGCGCGGCCTGGTCCGATGGCTCCTCAGCGGAGGGCCGCAACCAAGGCGCCCGAGGGC  
 AACGGAGCGGCCGAGCGCCGGAACCGGAGCAGCACCAAGAAGGACCGAGCCCCGGGAG  
 GTGCAGAGGCTGTGGCAGAGGCCATGGCTAAGGACCGCGGCCTGGGGCTGGCTTTGTG  
 CTCACCGCACTCCTGCTCTGGAGCAGCTTGGGGCCGACGACGGGTTCGAGAGGTCCTG  
 GCCCGCGTGGCGAGGTGTCGAGGGAGATTCATCGAGGTGCCCTGCTCTGAGGACTAC  
 GACAGTACCCGAGGTTGAAAGGCTGCACTCCCCGAAAGTGCGGCAGAGGTGTCACCGAT  
 GTCGTCATCACCAGGGAGGAAGCGGAGCGGATTCGAGCGTAGCTGAAAAGGGGCTCTCC  
 CTGGGAGGATCTGACGGAGGGCATCCATTCTGGACTTGCACTCAGGGGCCCTGTCTGTC  
 GGGAAAGCACTTTGTAACTGTACAGATACTTCGGGGATAAAAACAGAACATCTTCTCA  
 GAGGAGGACTCCGGTTATACCGGAGGTGCGGCAGAAGTCCAGCTCACCATTGCTGNA  
 GCTTTTGGCATCAGCGCATCCTCGCTGCATCTGACCAAGCCACCTTTCTCTCCGCATA  
 AACAGCANCGAAGCGCGACNGCGCAGCAGAGTACTGGCATGCGCACGTGGACCAAGTG  
 ACCTACGGCTNCTTCGACTACACCTCGTGTACCTCTCCACTACCTGGAGACTTTTC  
 GCGAGGNCNGTTTCATGTCATGGAGGAGGTGCCAACAGACGTGGAGCGAAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_024648 unedited  
 GGGGGAATTTACTGTGNACCGCGCCCGCTATNCTAGACTAGTCTAGCATTTTTTTTTTTT  
 TTTTTTTTTTTTTTTTTTTTTTTTTTTGGTCCCTTCATTTACTCCAGATGAAAAGATTA  
 ACACGTACAGCAATCAAATCAGAAAATTCCTAAGGCACTCTGTGCAACAAGAACGGGTG  
 GACCTGGGGTGGTGCACCAATGGCGCGCTGCCTCCACACGGGCCCTCCTGAAATTAC  
 CTTGGCCCGCTGCTGGCTACGGGAACCTGGGTCCGATGCCCTGGTGGGGTTGCAA  
 CTGAAAGCGATGGTAATGGCGTAACGGGTGCCCCAGTGGACCTTCTCCACGCGGTGTAAG  
 TTCTCGGACCCCGAGGTGAAAAAGAGACCCACCTGCTTCTTAAAGCAGGACTCAGCA  
 CGGCAACCAAGGAATCAACAATAAGCAATGCTCTCAACTTCCAAAATCGCATGTGTCTCT  
 CCCCTCTCGGGCGGGTGGTGAAGTCCCGGAGGACACTGACTCCAGCCTTTGACCCAGCA  
 GCTTCACTGGCTCTCGGTCCATTAACCTTCTTGAACCCACAAGACATCATCCGAAACAA  
 AAACATCCAGCTCTCGGCTCCACCGTCTTGTGGCACCTCCTCCATGAACATGAACCGC  
 CCTCCGCCAAATCCTCCAGTAGTTGGAGAGGTACAGCAACAGGTGTAATCCAAGAA  
 CCCTAAGTCACCTTGCCACGTGCGCATGCCAGTACTCGTCGTGCGCCGTCCGCGCTTCC  
 GTGCTGTTTATGCCGGAGAAAGTGGGCTTGGTCAAATGCACCGAGGATGCGCTGATG  
 CCCAAAGCCTCAACAATGGTGAGCTTGGACTTTTGGCGCACTCCCGGTT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_024648

**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).

**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:** [NM\\_024648.1](#), [NP\\_078924.1](#)

**RefSeq Size:** 1255 bp

**RefSeq ORF:** 960 bp

**Locus ID:** 79701

**UniProt ID:** [Q6PK18](#)

**Cytogenetics:** 17q25.3

**Domains:** P4Hc

**Protein Families:** Transmembrane