

## Product datasheet for **SC322168**

### ODR4 (C1orf27) (NM\_017847) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ODR4 (C1orf27) (NM_017847) Human Untagged Clone
Tag:	Tag Free
Symbol:	ODR4
Synonyms:	C1orf27; odr-4; TTG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322168  
 AGAGACCGTCCGAGGTAATTGTCTGCCACGAGTGCCACATTCTGAAAAACAGGAGATTTT  
 TTCTTAAAAATGGGAAGAACCTACATTGTAGAAGAGACTGTTGGCCAGTATCTTTCAAAC  
 ATAAATCTCCAAGGAAAGGCTTTTGTCTCTGGCCTTTTAAATAGGACAGTGTTCGTCACAA  
 AAGGATTATGTGATTCTTGCCACTAGAACGCCACCCAAAGAGGAGCAAAGTGAGAACCTC  
 AAACATCCCAAAGCTAAGTTGGATAACTTGGATGAAGAATGGGCCACAGAACATGCCTGC  
 CAGGTATCCAGAATGCTACCAGGGGGACTTTTAGTTCTTGGAGTATTTATTATTACTACT  
 TTAGAACTGGCAAATGATTTTCAAATGCCTGCGTAGACTAATGTTTGTGTGGAAAAG  
 TCTATAAATAGAAAAGAGATTGTGGAATTTACAGAGGAGGAAAGTCTCAGAACGAGTGACA  
 CTTTACATTTGTGCTTCTACAAAAAAAATATTTTGTGCAACTTATGATATCCATGATCCA  
 AAGAGTTCAGCAAGACCAGCAGATTGGAAGTATCAAAGTGGATTATCATCCTCATGGCTT  
 TCTTTAGAGTGTACAGTTCACATTAATTTACATCCCACTTTCTGCTACTTCTGTCAGC  
 TATACTCTGGAGAAAAATACAAAGAATGGACTTACACGCTGGGCCAAGGAAATAGAAAAT  
 GGTGTTTTATTGATTAATGGACAAGTTAAAGATGAAGATTGTGACCTATTAGAAGGACAG  
 AAAAAATCTTCTAGAGGAAATACTCAAGCAACTAGTCATTCTTTTGTATGTCAGAGTGCTA  
 ACGCAGTTGCTCCTGAATTCAGACCACAGATCCACAGCCACAGTCCAGATATGTAGCGGT  
 TCTGTAACCTTAAGGGTGTGTGAAATGCAGAGCTTATATCCACAGCAGTAAACCCAAA  
 GTTAAAGATGCTGTGCAGGCAGTAAAGAGGGATATATTGAACACAGTTGCTGATCGTTGT  
 GAAATGCTATTTGAGGATCTGCTTTTGAATGAAATTCAGAAAAAAAAGATTCTGAAAAA  
 GAGTTCACGCTCCTCCCTTATCGAGTCTTTGTTCCCTTCTGGATCCACTGTAATGTTG  
 TGTGATTATAAATTTGACGATGAGTCAGCTGAAGAAATCAGGGACCATTTTATGGAGATG  
 TTGGATCACACAATTCAAATAGAAGATTTGGAATTTGCAGAGGAAACAAACACAGCTTGT  
 ATGAGTCTTCTATGAATAGTCAAGCTTATTGGACAACACAGATGATGAACAACCAAAA  
 CAACCAATTAAAACTACAATGTTATTGAAAATTCAGCAAAACATAGGTGTGATTGCAGCA  
 TTTACAGTTGCACTCCTTGTGCGGGTATCTCCTTTTACTTCACTGATTAGGGTGAG  
 GCACAAAGAGTTTCTTGATCATCCAGAGAACATTGACAGACAATTATGAATAATAAAGAT  
 GTTAAACAATCCATCTGTATTTAAAAACTAGCAGCCAGATCTGCTGCCATGATGCCTATT  
 TGGTGTGTTTCTGATTAATAAATGAAATCACAAAGCTGCCTTGTGTTAGCCTGCTTTACATTGT  
 AGGTGGCCCGCATTTCCAGAAAATACGTTATGCATCTAGATGGAAGCTGCATGTAACAAA  
 TCATTATTATCTATTTTTAAAAGCTTCAAATGATGGGATATGATCATAGATTTTGTCT  
 TACTAATCTGAATCACATATTAATCAGGACATTAATAACTTTAACAGAGGCATGATGGCT  
 CACACGTATAATCCTAATGCTTTGAGAGGCTGAGGTAGGAGCATCACCTGGGGCTGGGAG  
 GGAGTTGGAGACCAGCCTGGATGACATAATGAGATTCTGTCTCTACTGAAAAAAA  
 AAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_017847

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_017847.3](#), [NP\\_060317.3](#)

**RefSeq Size:** 3816 bp

**RefSeq ORF:** 1365 bp

**Locus ID:** 54953

**UniProt ID:** [Q5SWX8](#)

**Cytogenetics:** 1q31.1

**Protein Families:** Transmembrane

**Gene Summary:** May play a role in the trafficking of a subset of G-protein coupled receptors.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.