

## Product datasheet for **RG215084**

### ODF3L2 (NM\_182577) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ODF3L2 (NM_182577) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ODF3L2
Synonyms:	C19orf19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG215084 representing NM_182577 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGACCCCTCAGCTGCGACTCCACCCACGGCTGGCCACAGCCCCCTTGCCCGGCGAGTGACGGAGG  
GCCAGATCCGGAGACCGCCTGAGGAAGTCTGTGGGACGGCCACCCTGGAGAACGGCTCGGGGCCAGG  
CTTGTATGTCCTGCCGTCCACCGTGGGCTTCATCAACCACGACTGCACCAGGGTGGCCAGTCCCGCCTAC  
TCGCTCGTCCGGAGGCCAGTGAGGCACCACCTCAGGACACCAGCCGGGCCCATCTACTTCTTGACC  
CCAAAGTCACACGCTTTGGCCGAGCTGCACCCCTGCCTACTCCATGCAGGGCCGGCCAAGTCTCGGGG  
TCCGGAGGTGACGCCAGGCCCTGGGGCCTACAGCCCAGAGAAGGTGCCCCCTGCGCGCCATCGGACACCG  
CCGGCTTTCACCCTGGGCTGCCGCTCCCCCTGAAGCCCCTGGACACCTCAGCCCCTGCCCTAATGCCT  
ACACCATGCCCCCTCTGTGGGGCTCACAGATCTTCACCAAGCCCAGCAGCCCAGCTACACGGTGGTGGG  
CCGCACCCCCCGCCGCCCGCCCGCAGGATCTGCTGAGATACCAGGCCGGGCCAGTACGACAGCCCCG  
GACGAAACACCTACCGCCAGCGCTGCCTGCCTTACCATGCTGGGGCGGCCCGGGCCCCGCGACCCC  
TGGAGGAGACCCCGCCCTGGCGCCACTGCCAGAGCAGGTACCCTGAACAAAGCCAGGGCTCCAGC  
GTTCTCTATGGGCATCCGCCACTCGAAACGGGCCAGCACCATGGCCGCCACCACGCCCTCCCGCCCTGCG  
GGGCACAGGCTGCCCGGCCGCTGCTGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG215084 representing NM\_182577  
Red=Cloning site Green=Tags(s)

MGTLSCDSTPRLATAPLGRRVTEGQIPETGLRKSCGTATLENGSGPLYVLPSTVGFINHDCTRVASPAY  
 SLVRRPSEAPPQDTSPGPIYFLDPKVTRFGRSCTPAYSMQGRAKSRGPEVTPGPGAYSPEKVPPARHRT  
 PAFTLGCRLPLKPLDTSAPAPNAYTMPPLWGSQIFTKPSSPSYTVVGRTPPARPPQDPAEIPGPGQYD  
 S DANTYRQRLPAFTMLGRPRAPRPLEETPGPGAHCPEQVTNKKARAPAFSMGIRHSKRASTMAATTPSRPA  
 GHRLPGRCC

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_182577

**ORF Size:** 867 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_182577.1](#), [NP\\_872383.1](#)

**RefSeq Size:** 1589 bp

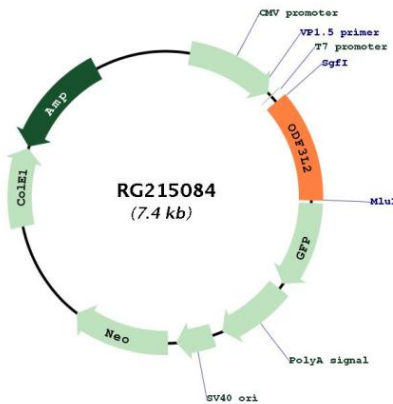
**RefSeq ORF:** 870 bp

**Locus ID:** 284451

**UniProt ID:** [Q3SX64](#)

**Cytogenetics:** 19p13.3

**Product images:**



Circular map for RG215084