

## Product datasheet for **RG204826**

### C17orf101 (OGFOD3) (NM\_175902) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf101 (OGFOD3) (NM_175902) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C17orf101
Synonyms:	C17orf101
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204826 representing NM_175902 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCCTCAGCGGAGGGCCGCAACCAAGGCGCCCGAGGGCAACGGAGCGGCCGAGCGCCGGAACCGGA  
GCAGACCAAGAAGGACCGAGCCCCGCGGGAGGTGCAGAGGCTGTGGCAGAGGCCGTGGCTAAGGACCGC  
GGGCTGGGGCTGGCTTTGTGCTACCGCACTCCTGCTCTGGAGCAGCTTGGGGCCGACGACGGGGTC  
GCAGAGGTCTGGCCCGCGTGGCGAGGTCGTGGCAGGGAGATTCATCGAGGTGCCCTGCTCTGAGGACT  
ACGACAGTCACCGCAGGTTCAAGGCTGCACTCCCCGAAAGTGGCGCAGAGGTGTCACCGATGTCGTCAT  
CACCAGGGAGGAAGCGGAGCGGATTCGCAGCGTAGCTGAAAAGGGGCTCTCCCTGGGAGGATCTGACGGA  
GGGCATCCATTCTGACTTGCCTCAGGGGCCCTGTCTGTGGGAAGCACTTTGTGAACCTGTACAGAT  
ACTTCGGGGATAAAATACAGAACATCTTCTCAGAGGAGGACTTCCGGTTATACCGGGAGGTGCGGCAGAA  
GGTCCAGCTCACCATTGCTGAGGCTTTTGGCATCAGCGCATCCTCGCTGCATCTGACCAAGCCCACCTTC  
TTCTCCGCATAAACAGCACGGAAGCGCGGACGGCGCACGACGAGTACTGGCATGCGCACGTGGACAAGG  
TGACCTACGGCTCCTTCGACTACACCTCGCTGTACCTCTCCAACCTACCTGGAGGACTTCGGCGGAGG  
GCGGTTTCATGTTTCATGGAGGAGGGTGCCAAACAAGACGGTGGAGCGGAGAGCTGGATGTTTTGTTCGG  
ATGATGCTTTGTGGTTCCAAGAAGTTAATGGACCGAGAGCCAGTGAAGCTGCTGGTGGCAAGGCTGGAG  
TCAGGTGCTCCTCGGGGACTCACACCCGCCGAGAGGGGAGAGACACATGCGATTCTGGAAGCTGAGAG  
CATTGCTTATTGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204826 representing NM\_175902  
 Red=Cloning site Green=Tags(s)

MAPQRRRAATKAPEGNGAAERRNRSSTKKDRAPREVQRLWQRPWLRTAGLGAGFVLTALLWSSLGADDGV  
 AEVLARRGEVAVGRFIEVPCSEYDSSHRRFEGCTPRKCGRGVTDVVITREEAERIRSVAEKGLSLGGSDG  
 GASILDLHSGALSVGKHFVNLRYFYGDKIQNIFSEEDFRLYREVRQKQVQLTIAEAFGISASSLHLTKPTF  
 FSRINSTEARTAHDEYWHAHVDKVTYGSFDYTSLLYLSNYLEDFGGGRFMFMEEGANKTVERRAGCFCFR  
 MMSCGFQEVNGPRASEAAGAKAGVRCPPGTHHPPERGETHAILEAESIAYC

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_175902

**ORF Size:** 993 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\\_175902.3](#), [NP\\_787098.2](#)

**RefSeq Size:** 1474 bp

**RefSeq ORF:** 996 bp

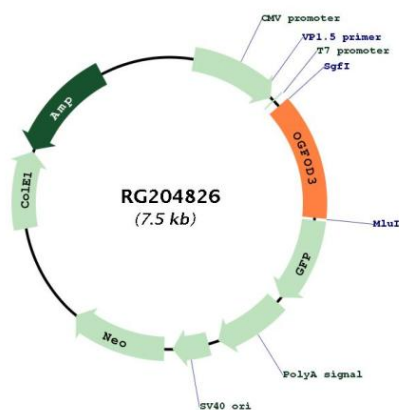
**Locus ID:** 79701

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

**Cytogenetics:** 17q25.3

**Protein Families:** Transmembrane

### Product images:



Circular map for RG204826