

## Product datasheet for **RC204826**

### 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:	Myc-DDK
Symbol:	C17orf101
Synonyms:	C17orf101
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204826 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCCTCAGCGGAGGGCCGCAACCAAGGCGCCCGAGGGCAACGGAGCGGCCGAGCGCCGAACCGGA  
GCAGCACCAAGAAGGACCGAGCCCGCGGGAGGTGCAGAGGCTGTGGCAGAGGCCGTGGCTAAGGACCGC  
GGGCCTGGGGGTGGCTTTGTGCTCACCAGCTCCTGCTCTGGAGCAGCTTGGGGCCGACGACGGGGTC  
GCAGAGGTCCTGGCCCGCGTGGCGAGGTCGTGGCAGGGAGATTCATCGAGGTGCCCTGCTCTGAGGACT  
ACGACAGTCACCGCAGGTTCAAGGCTGCACTCCCGAAAAGTGGCGCAGAGGTGTCACCGATGTCGTCAT  
CACCAGGGAGGAAGCGGAGCGGATTCGACAGCTAGCTGAAAAGGGGCTCTCCCTGGGAGGATCTGACGGA  
GGGCATCCATTCTGACTTGCCTCAGGGCCCTGTCTGTGGGAAGCACTTTGTGAACCTGTACAGAT  
ACTTCGGGGATAAAAATACAGAACATCTTCTCAGAGGAGGACTTCCGGTTATACCGGGAGGTGCGGCAGAA  
GGTCCAGCTCACCATTGCTGAGGCTTTTGGCATCAGCGCATCCTCGCTGCATCTGACCAAGCCACCTTC  
TTCTCCCGCATAAACAGCACGGAAGCGCGGACGGCGCACGACGAGTACTGGCATGCGCACGTGGACAAGG  
TGACCTACGGCTCCTTCGACTACACCTCGCTGTACCTCTCCAACCTGAGGACTTCGGCGGAGG  
GCGGTTTCATGTTTCATGGAGGAGGGTGCCAACAAGACGGTGGAGCGGAGAGCTGGATGTTTTGTTCCGG  
ATGATGCTTTGTTGGTTCCAAGAAGTTAATGGACCGAGAGCCAGTGAAGCTGCTGGTGGCAGGCTGGAG  
TCAGGTGCTCCTCGGGGACTCACCACCCGCCGAGAGGGGAGAGACACATGCGATTCTGGAAGCTGAGAG  
CATTGCTTATTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC204826 protein sequence  
Red=Cloning site Green=Tags(s)

MAPQRRRAATKAPEGNGAAERRNRSSTKKDRAPREVQRLWQRPWLRTAGLGAGFVLTALLWSSLGADDGV  
 AEVLARRGEVVAGRFIEVPCSEDYDSHRRFEGCTPRKCGRGVTDVVITREEAERIRSVAEKGLSLGGSDG  
 GASILDHLHSGALSVGKHFNLYRYFGDKIQNIFSEEDFRLYREVRQKVQLTIAEAFGISASSLHLTKPTF  
 FSRINSTEARTAHDEYWHAHVDKVTYGSFDYTSLLLYLSNYLEDFGGGRFMFMEEGANKTVERRAGCFCFR  
 MMSGCFQEVNGPRASEAAGAKAGVRCPPGTHHPPERGETHAILEAESIAYC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6427\\_g05.zip](https://cdn.origene.com/chromatograms/mk6427_g05.zip)

**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:** 4513 bp

**RefSeq ORF:** 996 bp

**Locus ID:** 79701

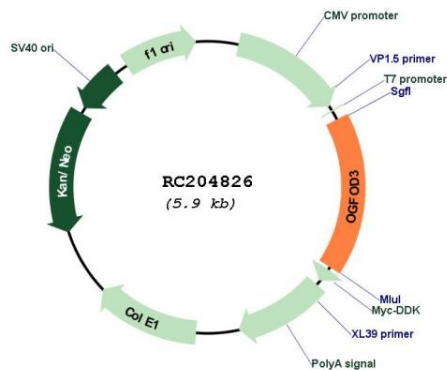
**UniProt ID:** [Q6PK18](#)

**Cytogenetics:** 17q25.3

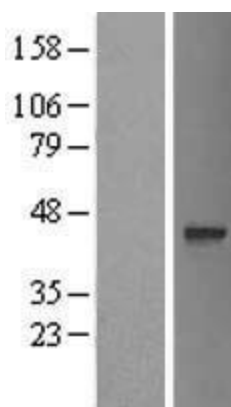
**Protein Families:** Transmembrane

**MW:** 36.7 kDa

### Product images:



Circular map for RC204826



Western blot validation of overexpression lysate (Cat# [LY406203]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204826 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).