

## Product datasheet for **RC211295**

### ODF4 (NM\_153007) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ODF4 (NM_153007) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ODF4
Synonyms:	CT134; CT136; OPPO1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211295 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATGCAGAGTACTCTGGGAATGAGTTCCTCCAGGTCAGAAGGAGAAAGAGACCAACATCAGAGACCTG  
GAAAGGAAAGGAAGAGTGGGGAGGCAGGACGGGGCACAGGTGAGCTGGGACAAGATGGGAGACTGCTGTC  
CTCCACCCTCTCCCTCAGTAGTAACAGGTCCTTGGGCCAGCGCCAGAACTCTCCGCTGCCCTTCAATGG  
AGAATCACACACAGCTTCCGCTGGATGGCCAGGTGTTGGCCTCTGAGCTCAGCCTGTTGCCTTTATCC  
TACTATTGGTCATGGCCTTCTCCAAGAAATGGCTGGACCTCTCTAGGAGCCTCTTCTACCAGCGCTGGCC  
CGTGGATGTCAGCAACAGAATCCACACATCAGCCACGTTATGTCCATGGGGCTCCTGCACCTTTTGCAA  
TCCAGGAGCTGTTCTGACTTAGAGAATGGGAAAGTCACCTTCATCTTCTCCACCCTCATGCTATTTCCCA  
TTAACATCTGGATCTTCGAGTTGGAAAGGAATGTATCCATCCCCATAGGCTGGAGCTATTTTCATTGGTTG  
GCTGGTGCTTATCCTATACTTCACCTGCGCGATCCTTTGCTACTTCAACCATAAAAGTTTCTGGAGTCTG  
ATTCTGAGCCACCCAGTGGTGCCGTGCTCCTGCAGCAGCAGTTTTCGGCTCAGTAGAAGAATCTCCAAGGG  
CACAGACGATCACAGACACCCCATCACCCAGGAGGGAGTCTGGATCCTGAGCAGAAGGATACACATGT  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)



**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\\_153007.5](#)

**RefSeq Size:** 1149 bp

**RefSeq ORF:** 774 bp

**Locus ID:** 146852

**UniProt ID:** [Q2M2E3](#)

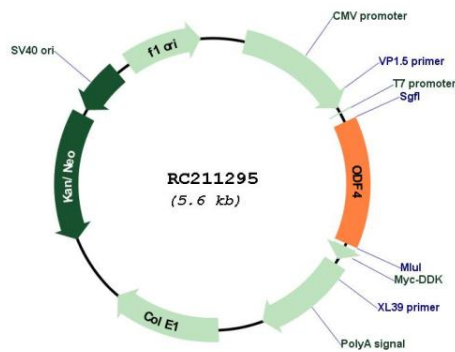
**Cytogenetics:** 17p13.1

**Protein Families:** Transmembrane

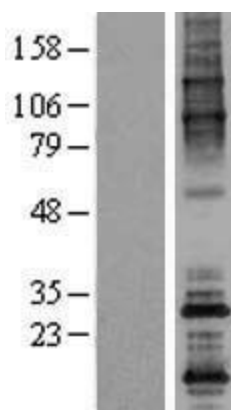
**MW:** 29.2 kDa

**Gene Summary:** This gene encodes a protein that is localized in the outer dense fibers of the tails of mature sperm. This protein is thought to have some important role in the sperm tail. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

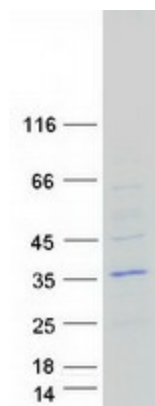
**Product images:**



Circular map for RC211295



Western blot validation of overexpression lysate (Cat# [LY407193]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211295 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ODF4 protein (Cat# [TP311295]). The protein was produced from HEK293T cells transfected with ODF4 cDNA clone (Cat# RC211295) using MegaTran 2.0 (Cat# [TT210002]).