

Product datasheet for **MC213260**

Odf4 (NM_145746) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Odf4 (NM_145746) Mouse Untagged Clone
Tag: Tag Free
Symbol: Odf4
Synonyms: Oppo1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213260 representing NM_145746
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAACCTGACTTGAATGAGGAAGAATCCGAGAGGATAAGGACCAGCAGGAACAGGCGGTCACTGGAGC
ATCGTCGCAACTCCCTATTGCCCTTCAATGGAAAGCAACAACAACCTCTCGCTGGATGGCCAGGTGGT
GGCCTCAGAGTTCAGCCTGGTGGCTTCTCTGCTCCTAGTCATGGTCTTCTCCAAGAAATGGTTGTAT
CCCTCTAAGAGTCGTTTCCATCAGCGCTACCCCAAAAATGTCACCAAGAGAGTCTACACCTCCATCCACA
GTATGTCCACAGGGCTCCTGTACATCTGCGTATCTAAAAGCTGCCCCAGCTCAGACAACGGAGAAGACAA
TTTTAAGATGTGGACAATCCATCCAGTTTTTGGGGTGGCTAAGATAAGTTTACCCTGGCCATAGGGCTG
GGTTTTGTCTCACACCTGGCTGCACCTGCCCTACCTGCCCTGCTTGCAGAGAAATGCCTTTCTTTGGCC
TGATTGGAATCATCCTGAGCTTCTGTGAAGTCACTTAATTTTCTCACCTCCTGTTGTTCCCTGTTAA
CCTCTGGATCTACGAGCTGAGGAAGAATATACGGTCCCATCGGCTGGAGCTATTTCAATGGTTGGCTG
GTGCTCATCCTGTATTTCACTTGTGGGATTCTTTGCTACCTCAACCATAAAAACTACTGGAGTCTGATAA
TGAGCAGCACCAACATCAACACTGCTTGCAGCAGCTTAGGGCCAGAGTCTCTGGTGGTCCCTCCAGAC
CCCCAGCAGCCAGGAGAACAGCCAGGAGTCTCCTAAGGATGACCAAAAAGCCATCAAGTCCAGATAAAGTA
GTCTACCACCCAGCCAGACCACTGGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145746
Insert Size: 873 bp



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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).
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:	<ol style="list-style-type: none">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_145746.2 , NP_665689.1
RefSeq Size:	1289 bp
RefSeq ORF:	873 bp
Locus ID:	252868
UniProt ID:	Q8VI88
Cytogenetics:	11 B3
Gene Summary:	Component of the outer dense fibers (ODF) of spermatozoa which could be involved in sperm tail structure, sperm movement and general organization of cellular cytoskeleton. [UniProtKB/Swiss-Prot Function]