

Product datasheet for **MG201555**

Odf4 (BC060992) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Odf4 (BC060992) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Odf4
Synonyms:	Oppo1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG201555 representing BC060992 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCTGACTTGAATGAGGAAGAATCCGAGAGGATAAGGACCAGGAACAGGCGGTCACTGGAGCATC
GTCGCAACTCCATTGCCCTTTCAATGGAAAGCAACAAACAACCTCTCGCTGGATGGCCAGGTGGTGGC
CTCAGAGTTCAGCCTGGTGGCCTTCTCCTGCTCCTAGTCATGGTCTTCTCCAAGAAATGGTTGTATCCC
TCTAAGAGTCGTTCCATCAGCGCTACCCCAAAATGTCACCAAGAGAGTCTACACCTCCATCCACAGTA
TGTCACAGGGCTCCTGTACATCTGCGTATCTAAAAGCTGCCCCAGCTCAGACAACGGAGAAGACAATTT
TAAGATGTGGACAATCCATCCAGTTTTTGGGGTGGCTAAGATAAGTTTCACCCTGGCCATAGGGCTGGGT
TTTGTCTCACCACCTGGCTGCACCTGCCCTACCTGCCCTGCTTGAGAGAATGCCTTTCTTTGGCCTGA
TTGGAATCATCTGAGCTTCTGTGAAGGTGCCCCCAGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:	>MG201555 representing BC060992 Red=Cloning site Green=Tags(s)
-------------------	---

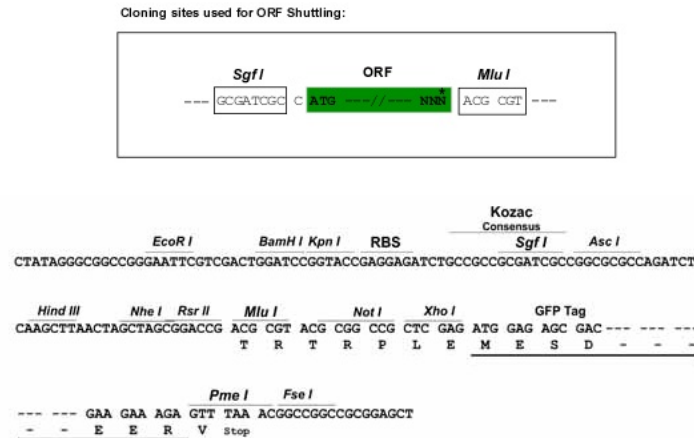
MEPDLNEEESERIRTRNRRSLEHRRNSLLPFQWKATNNSRWMAQVVASEFSLVAFLLLLVMVFSKKWLYP
SKSRFHQRYPQNVTKRVYTSIHSMSTGLLYICVSKSCPSSDNGEDNFKMWTIHPVFGVAKISFTLAIGLG
FVLTTLWLHLPYLPCLQRMPPFFGLIGIILSFCEGAPQL

TRTRPLE - GFP Tag - V

Restriction Sites:	SgfI-MluI
--------------------	-----------


[View online »](#)

Cloning Scheme:



ACCN: BC060992

ORF Size: 531 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC060992.1](#)

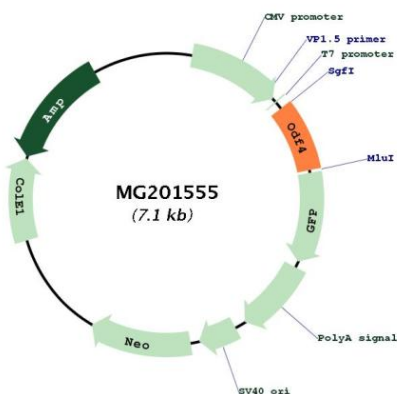
RefSeq Size: 1332 bp

RefSeq ORF: 533 bp

Locus ID: 252868

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]

Product images:



Circular map for MG201555