

Product datasheet for **MG204516**

Ogfod3 (NM_025402) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ogfod3 (NM_025402) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ogfod3
Synonyms:	1110031I02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204516 representing NM_025402 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCCTCAGCGGAGGGGACCACCCAGAATCCCGAGGGAAGTAGTGCTGCAGAGCGCCGGCGCGCA
CCAGTACCAAGAAGGACCGGCTGCCTCGGGAGGCACAGAGGACATGGCTAAGGATTGTGGCCTTTGGGGT
CGGCCTTGCTCTGGTCACATGTCTGCTCTGGAGTAGTGTGGGATCGATGATGTTGCTGAGGTTGTG
GCCCGTCGTGGTGAAGTCTAGAAGGCAGGTTTCATTGAGGTTCCCTGCTCTGAGGACTACGATGGTCACC
GAAGGTTTGAAGGCTGTACCCCAAGGAAGTGTGGCAGAGGTGTCCTGACATCGTCATCACCAGGGAGGA
GGCGGAGCAGATTCGAGAAATAGCAGAGAAAGGGCTCTCCCTAGGTGGATCGGATGGAGGGGCATCTATC
CTGGACCTGCACTCTGGAGCCTTGTCTGTTGGGAAACACTTTGTGAACCTGTATAGATACTTTGGAGATA
AAATACAAAATATCTTCTCTGAGGAGGACTTTTCAGTTATATAGGGACATTCGGCAGAAGGTCCAGCTCAC
CATCGCGGAAGCTTTTCGGCATCAGTGCATCCTTGCTGTACCTGACGAAGCCACATTTTTCTCGGAATA
AATAGCACAGAAGCCCGGACAGCTCATGATGAGTACTGGCACGCACAGTGGACAAGGTGACCTACGGCT
CTTTTGACTACACTTCGCTGCTTACCTATCGGATTACTTAGAGGACTTCGGTGGAGGGCGCTTTGTGTT
CATGGAAGAAGGGTCCAACAAGACAGTGGAGCCAGAGCTGGTCGAGTCTCATTCTTTACCTCAGGCTCT
GAGAACCTGCACCGAGTGGAGAAAGTCTCTGGGGCACCCGCTACGCCATCACCATCGCTTTCACCTGCA
ACCCGGACCACGGCATCGAGGACCCAGTACTCACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204516 representing NM_025402
 Red=Cloning site Green=Tags(s)

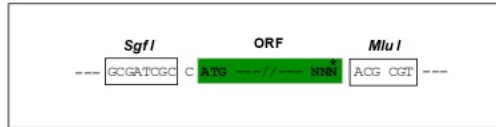
MAPQRRGPPRIPEGSSAAERRRATSTKKDRLPREAQRWLRIVAFVGLALVTCLLWSSVGIDDDVAEVV
 ARRGEVLEGRFIEVPCSEYDGHRRFEGCTPRKCGRGVTDIVITREEAEQIRRIA EKGLSLGGSDGGASI
 LDLHSGALSVGKHFVNLRYRFGDKIQNIFSEEDFQLYRDIRQKVQLTIAEAFGISASLLYLTKPTFFSRI
 NSTEARTAHDEYWHAHVDKVTYGSFDYTSLLYLSDYLED FGGGRFVFMEEGSNKTVPRAGRVSFFTSGS
 ENLHRVEKVLWGTRYAITIAFTCNPDHGIEDPVL T

TRTRPLE - GFP Tag - V

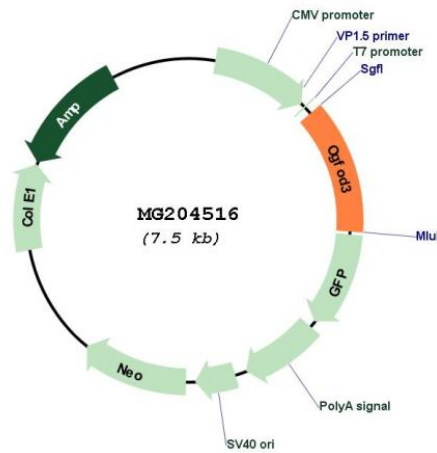
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_025402

ORF Size: 945 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:	<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_025402.2
RefSeq Size:	1244 bp
RefSeq ORF:	948 bp
Locus ID:	66179
UniProt ID:	Q9D136
Cytogenetics:	11 E2