

## Product datasheet for RR214211

### Ogfod3 (NM\_001013976) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Ogfod3 (NM\_001013976) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Ogfod3  
 Synonyms: RGD1305007  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR214211 representing NM\_001013976  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCGCCTCAGCGGAGAGGACCACCCAGAGTCCCGAAGGAAATAGTGCAGCAGAACGCCGGCACGCGA  
 ACAGCACCAAGAAGGACCGGCTGCCTCAGGAGGCACAGAGGACATGGCTAAGGATTGTGGCCCTTGGGGT  
 CAGCCTTGCTCTGGTACATTCTGCTCTGGAGTAGTGCAGGGATCGATGATGATGTTGCTGAAGTTGTG  
 GCCCATCGTGGTGAAGTCTAGAAAGGCAGTTTCATTGAGGTTCCCTGCTCTGAGGACTATGACGGTACCC  
 GAAGGTTTGAAGGCTGCACCCAGGAAGTGTGGCCGAGGTGTCCTGACATCGTCATCACCAGGGAGGA  
 GGCGGAGCAGATTGCAGAAATAGCAGAGAAAGGCTCTCCCTAGGTGGATCGGATGGAGGGGCATCTATC  
 CTGGACTTGCCTCGGGAGCCCTGTCTGTTGGGAAACACTTTGTGAACCTGTATAGATACTTTGGGGATA  
 AAATACAACTATCTTCTCCGAGGAGGACTTTCAGTTATATAGGGACATTCGGCAGAAGTCCAGCTCAC  
 CATTGCTGAAGCTTTCGGCATCCGTGCATCCTTGTGTATCTGACAAAGCCACATTCTTCTCCCGAATA  
 AATAGCACAGAAGCCAGACGGCTCACGACGAGTACTGGCATGCACACGTGGACAAGGTGACCTACGGCT  
 CTTTTGACTACACTTCGCTGCTTTACCTATCGGATTACTTAGAGGACTTCGGTGGAGGGCGCTTTGTGTT  
 CATGGAGGAAGGTCCAACAAGACAGTGGAGCCAGAGCTGGTCGAGTCTCATTCTTTACTTCAGGTTCT  
 GAGAACCCTGCACCGAGTGGAGAAAGTCTCTGGGGCACCCGCTACGCCATCACCATCGCTTTCACCTGCA  
 ACCCGACCACGGCATCGAGGACCCAGTACTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214211 representing NM\_001013976  
 Red=Cloning site Green=Tags(s)

MAPQRRGPPRVPEGNSAAERRHANSTKKDRLPQEAQRTWLRIVALGVSLALVTFLWSSAGIDDDVAEVV  
 AHRGEVLEGRFIEVPCSEYDGHRRFEGCTPRKCGRGVTDIVITREEAEQIRRIAEEKLSLGGSDGGASI  
 LDLHSGALSVGKHFVNLRYRFGDKIQITIFSEEDFQLYRDIRQKVQLTIAEAFGIRASLLYLTKPTFFSRI  
 NSTEAQTAHDEYWHAHVDKVTYGSFDYTSLLYLSDYLEDGGRGFVFMEEGSKNKTVEPRAGRVSFFTSGS  
 ENLHRVEKVLWGTRYAITIAFTCNPDHGIEDPVLT

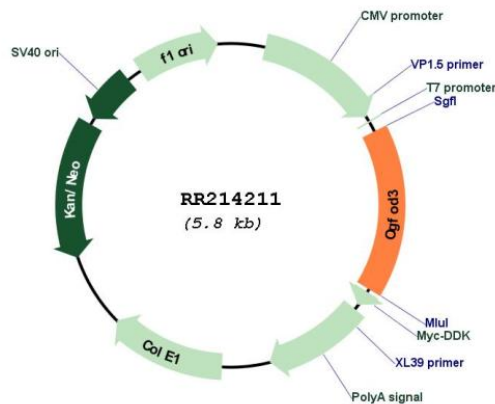
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001013976

ORF Size: 945 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001013976.1</a> , <a href="#">NP_001013998.1</a>
<b>RefSeq Size:</b>	1340 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	303749
<b>UniProt ID:</b>	<a href="#">Q5M843</a>
<b>Cytogenetics:</b>	10q32.3
<b>MW:</b>	35.4 kDa