

## Product datasheet for MR204369

### Rogdi (BC006914) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rogdi (BC006914) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rogdi
Synonyms:	0610011C19Rik; AU020118; C76152; Lzf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204369 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGACCGGATGGCTGCGAGCGCCGGAGCGGGCAGTACTGGAGGAGGAGTTTCGCTGGTTACTGC  
ACGCTGAGGTGCACGCCGTGCTGAGACAGCTGCAGGACATCCTCAAGGAGGCCTCTCCGCTTCACTCT  
CCCAGGCCCCAGCACCGAGGGCCCTGCCAAGCAGGAGAACTTCATCCTGGGCAGCTGTGGCAGACCAG  
GTGAAAGGGACTCTGACTCTGCAAGGGGATGCCCTCAGCCAAGCGCTCCCTCCTGGCTGGCTGAGGCGCC  
TAGGGCCTCAGCCATCCCCCACTGCATTGCTGGCTCACAGGATGTGAACCTGAAGATGCCTCGGAACAA  
CCAGTTGTTGCACTTGGCCTCCGGGAAGACAAGCAGTGAAGCTGCAGCAGATCCAGGATGCCAGGAAC  
CATGTGAGCCAAGCTATTTATCTCTAGCAAACCGGGATGAGAGCTACCAAGTCAAGACAGGAGCGGAGG  
TCCTCAAGCTCATGGATGCTGTTATGCTGCAACTGACTAGAGCCAGAAGCCGGCTCACTACCCAGCCAC  
CCTCACCTGCCGGAGATTGCTGCCAGCGGCCTCACGCGGATGTTTGCACCTACCCTACCCTCTGACCTG  
CTGGTCAATGTCTACATCAACCTCAACAAGCTGTGCCTCACTGTATACCAGCTGCACGCCCTGCAACCCA  
CCTCCACCAAGAACTCCGCCCGCCGGAGGCGCAGTGTCCACAGCCCCGGCGCTATGTTTGAGTGGGG  
CTCACAGCGTCTCGAGGTGAGCCACGTGCACAAGTAGAATGTGTGATACCCTGGCTCAACGATGCCCTG  
GTATACTTCACCGTCTCCCTGCAACTCTGCCAGCAGCTCAAGGACAAGATCGCTGTGTTTCCAGCTACT  
GGAGTCCCGGCCCTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204369 protein sequence  
Red=Cloning site Green=Tags(s)

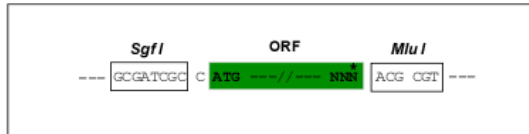
MATAMAASAAERAVLEEEFRWLLHAEVHAVLRQLQDILKEASLRFITLPGPSTEGPAKQENFILGSCGTDQ  
 VKGTLTLQGDALSQALPPGWLRRLLGPQSPHCIAGSQDVNLKMPRNNQLLHLAFREDKQWKLQQIQDARN  
 HVSQAIYLLANRDESYQFKTGAEVLKLMDAVMLQLTRARSRLTTPATLTLPEIAASGLTRMFAPTLPSDL  
 LVNYYINLNKLCLTVYQLHALQPTSTKNFRPAGGAVLHSPGAMFEWGSQRLEVSHVHKVECVIPWLNDA  
 VYFTVSLQLCQQLKDKIAVFSYSSSRPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** BC006914

**ORF Size:** 927 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.

**RefSeq:** [BC006914](#), [AAH06914](#)

**RefSeq Size:** 1454 bp

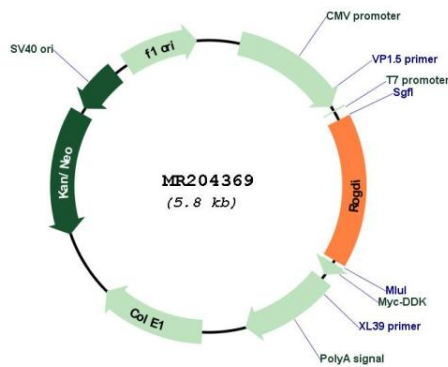
**RefSeq ORF:** 929 bp

**Locus ID:** 66049

**Cytogenetics:** 16 2.49 cM

**MW:** 34.4 kDa

**Product images:**



Circular map for MR204369