

Product datasheet for MR219617

Rwdd3 (NM_025637) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rwdd3 (NM_025637) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rwdd3
Synonyms:	2510027J23Rik; 3110037C01Rik; AI035684; AI662458; Rsume; X2CR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219617 representing NM_025637 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGAGGAGGTGCGGCAGGAGCTCTCGGCGCTGGCCGCGATCTTCTGCGGGCCCAACGAGTGGGAGA
TGTTGAGCTGTTAGACGGTGCAGTGCCTCCTCGTAAACCCAGCTCCTCAAATAGTCGGCATCCA
CCATAAGCATTGTGTATCAGTCCCTGACAACAGGACGCTGTAGTTGGTTGTCAGCCACGTGGAAGGCA
GTCAGGAAATGCTTGTTAAGGCTGCTGAAAATGGCAGCCGATTCAGACTTCTGCTGGACGCAGCATGG
AGACCTTCTCTTAACCCAGAGACAGATGGGGCTGTGTTTGAATTCACACAACAGCTGAAGGACTTGT
GGGTGAGGATGTGCCCTTAGAGTTGGCGTTCATTACCAGTTGGTTACCCTTTGTGTCTACCCGGCATC
TCGGTTACCTCGGAACATCTGACCAGGGCCAGTGTGTTACCGCGAAGGAGAAGTTACTTGGAGAAGCCA
GGAAGCTCGTGTGAGAACCAGATGGTTCACGAGCTGGTTCTTTGGATCCAGCAGAAATCTCAGACTTGTCT
CAGCCAGCCGGAGACCGCCAGCAGCCATGAGAAGTGCACCTTTCAGAAAAGTGCAGCGGGGGACGATGGA
CCGTGGATGACTCTTTGCGTTTAGATCACATGAGAGCGAGGACTAAATATGTCAAAGCCGTGGAGAAGT
GGGCTTCAGAGTTAAGGCTGACAGGAAGACTGATGTTTCATGGGTAATTAATACTGATTTACTACAAGG
AGACAGAAGCAACATCAAGGAGTACCTGATTCTCAGAAAACCTCAAAGTAGATGTGGACTCAAGTGGA
AAGAAATGCAAAGAGAAAATGATTAGTGTACTGTCTGAAAACAAAGTACAACGGAACACAAAAGGTTTC
TGGCGTTTGAAGTCAAAGAGTATTCAACTGGAGGAGTTACAAAAGGAATTCGGAGCTGCAGGACTTGG
GGAGCTCTTCTCAGAGTGTGACTGGGGCTGGTGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR219617 representing NM_025637
Red=Cloning site Green=Tags(s)

MVEEVRQEL SALAAIFCGPNEWEMLS CSDGAQCPPRETQLLQIVGIHHKHL CITSLLTGRCSWLSATWKA
 VRKCLLRLLKNGSRFQTSAGRSMETFFSSNPETDGAVFRIHTTAEGLVGEDVPLELAFHLPVGYPLCLPGI
 SVTSEHLTRAQCVTAKEKLLGEARKLVSEPMVHELVLWIIQNLRLVLSQPETASSHEKCTLPESATGDDG
 PWMTLRLDHRARTKYVKAWEKASELRLTGRLMFMGKLI LILLQGDRSNIKEYLILQKTSKVDVDSGG
 KKCKEKMISVLSQTEHKRFLAFEVKEYSTLEELQKEFGAAGLGELFSECVLGLVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_025637

ORF Size: 1017 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: [NM_025637.3](#), [NP_079913.2](#)

RefSeq Size: 1698 bp

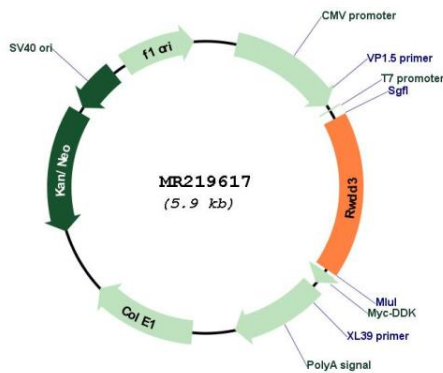
RefSeq ORF: 1020 bp

Locus ID: 66568

Cytogenetics: 3 G1

MW: 38.3 kDa

Product images:



Circular map for MR219617