

Product datasheet for **RR209570**

Rwdd3 (NM_001128152) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rwdd3 (NM_001128152) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rwdd3
Synonyms:	Rsume; X2cr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR209570 representing NM_001128152 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAGGAGATGAGGCAGGAACCTCGGGCTGGCCGATCTTCTGCGGGCCCCACGAGTGGGAGA
TGTTGAGCTGTTCCAGAGACAGATGGGGCTGTCTTTAGAATTCACACAACAGCTGAAGGACTTGCGGGTGA
GGATGTGCCCTTAGAGTTGGCGTCCACTTACCAGCCGTTACCCATCGTGTCTACCCGGCATTTTCGGTT
AACTCGGAACGTCTGACCAGGGCCAGTGTGTACCGTGAAGGAGAACTACTCGGAGAAGCCAGGAGGC
TTCTGTCAGAACCGATGGTTCACGAGCTGGTCTTTGGACTCAGCAGAATCTCAGACACATCCTCAGCCA
GACAGAGACAGAGAGCAATGGGACGTGACTCTGCCAGAAAGCTCGACTGTGGACGGCGGACTGTGG
ATGACTCTTTTGCCTTAGATCACATGAGAGCGGAGACTAAATATGTGAAAGTTGTGGAGAAGTGGGCTT
CAGAGTTAAGGCTGACAGGAAGACTGATGTTTATGGGTAAGTAAATGATACTGATTTTACTACAAGGAGACAG
AAGCAACATCAAGGAGTACCTGATTCTTCAGAAAACCTCAAAGTAGATGTGGACTCAAGTGGAAAGAAA
TGCAAAGAGAAAATGATTAGTGTACTGTCTGAAACAAAAGTACAAACGGAACACAAAAGGTTTCTGGCGT
TTGAAGTCAAAGAGTATTCAACTGGAGGAGTTACAAAAGGAATTTGAACTGCAGGACTTCAGGAGCT
CTTCTCAGAGTGTGACTTGGGCTGGTAAA

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ACAAGGATGACGACGATAAGGTTTAA



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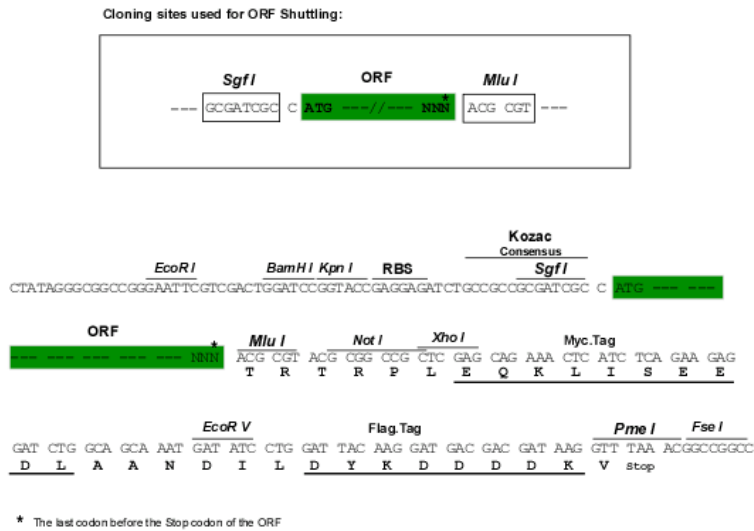
Protein Sequence: >RR209570 representing NM_001128152
Red=Cloning site Green=Tags(s)

MAEEMRQEL SALAAIFCGPHEWEMLS CSETDGAVFRIHTTAEGLAGEDVPLELAFHLPAGYPSCLPGISV
 NSERLTRAQCVTVKEKLLGEARRLLSEPMVHELVLWTQQNLRHILSQTETESSNGTCTLPESSTVDGGLW
 MTLRLDLHMRARTKYVKVVEKWASELRLTGRLMFMGMKILILLQGDRSNIKEYLILQKTSKVDVDSGGKK
 CKEKMISVLSETKVQTEHKRFLAFEVKEYSTLEELQKEFETAGLQELFSECVLGLVK

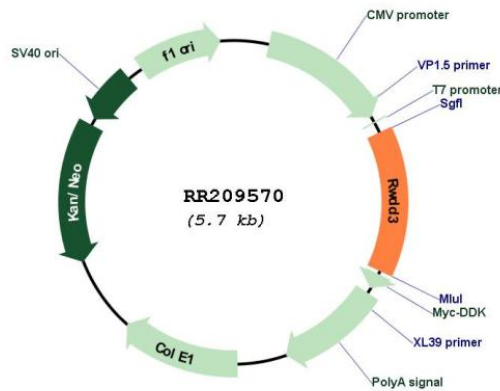
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001128152
ORF Size: 801 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_001128152.1 , NP_001121624.1
RefSeq Size:	1044 bp
RefSeq ORF:	804 bp
Locus ID:	65026
UniProt ID:	P0C7N0
Cytogenetics:	2q41
MW:	30.1 kDa
Gene Summary:	expressed in GH3 pituitary cells [RGD, Feb 2006]