

Product datasheet for **RR215001**

Rnf41 (NM_001012195) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnf41 (NM_001012195) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rnf41
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215001 representing NM_001012195
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGTATGATGTAACCCGGTTCAGGGGACGTTGACGAGGACCTCATCTGCCCTATTTGCAGTGGAG
TCTTGGAGGAGCCAGTACAGCAGACGTGTCCGGTAGACCGTTGTCACGGTTGCCACCTGCGCCC
AGTGCCTCGGATCATGCGGAACATGTTGTCAAAGCTGCAGATTGCCTGTGACAACGCTGTGTTTGGCTGC
AGTGCTGTTGTCAGGCTTGACAGCCTCATGTCCCACCTCAGTGACTGTGAGCACAAACCGAAGCGGCCTG
TGACCTGCGAGCAGGGCTGCGGCCTGGAGATGCCCAAAGATGAGCTGCCAAACCAATTGCATTAAAGCA
CCTGCGCTCCGTGGTCCAGCAGCAGCAGCGCATCGCAGAGCTGGAGAAGACATCTGCTGAACACAAG
CACCAGCTGGCAGAACAGAAGCGAGACATTCAGTTGCTGAAGGCGTATATGCGAGCCATCCGCAGTGTCA
ACCCCAACCTTCAGAACCTGGAGGAGACAATCGAGTACAACGAGATCCTTGAGTGGGTGAACCTCCCTACA
GCCGGAAGAGTGACGCGCTGGGGGGGATGATCTCCACTCCTGACGCTGTGCTGCAGGCTGTAATCAAG
CGCTCCCTCGTGGAAAGTGGCTGCCAGCTTCTATCGTCAACGAGCTGATCGAAAATGCCATGAACGCA
GCTGGCCCCAGGGTCTGGCCACACTAGAGACAAGACAGATGAACCGGCGTACTATGAGAACTACGTGGC
CAAGCGCATCCCTGGCAAGCAGGCTGTGGTGGTATGGCCTGCGAGAACCAGCACATGGGTGACGACATG
GTGAGGAGCCGGGGCTGGTTCATGATCTTTGCACATGGTGTGGAGGAGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215001 representing NM_001012195
 Red=Cloning site Green=Tags(s)

MGYDVTRFQGDVDEDLICPICSGVLEEPVQQTCPVDRSVVTV AHLRPVPRIMR NMLSKLQIACDNAVFGC
 SAVVRLDSLMSHLSDCEHNPKRPVTCEQGCLEMPKDELPNHNCIKHLRSVVQQQTRIAELEKTSAEHK
 HQLAEQKRDIQLLKAYMRAIRSVNPNLQNL EETIEYNEILEWVNSLQPARVTRWGGMISTPDAVLQAVIK
 RSLVESGCPASIVNELIENAHERSWPQGLATLETRQMNRRYYENYVAKRIPGKQAVVVMACENQHMGGDDM
 VQEPGLVMIFAHGV EEI

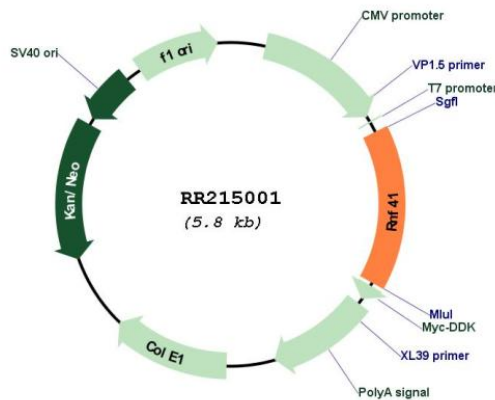
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012195

ORF Size:	891 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_001012195.1 , NP_001012195.1
RefSeq Size:	2015 bp
RefSeq ORF:	894 bp
Locus ID:	362814
Cytogenetics:	7q11
MW:	33.6 kDa