

Product datasheet for **RR201332**

Rnf34 (NM_001004075) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rnf34 (NM_001004075) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rnf34
 Synonyms: Momo
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR201332 representing NM_001004075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCGGGTGTACCTCTATGTGGGCTTCATGCTGTGGACTGCTGAATGAAGTCATGGAACTGGAG
 CTGTCAGAGGCCAGCAGGCAGGATCCCAGGAAGCACTGGTCCATTAGGTTTACACCGAGTTCTGACTT
 TCCTACCTACCCACCAGCAGCTACAGAAGGACCAATATAGTTTGCAAAGCCTGTGGACTTTCATTTTCA
 GTCTTTAGAAAGAAGCAGTCTGCTGTGACTGCAAGAAGGACTTTTGCTCCCTTTGTTCCGTCTCACAA
 AAAACCTCCGCAGATGCTCTACATGTCACCTACTCCAAGAGACAGCCTTCCAGCGCCCTCAGTTGATGAG
 ACTAAAAGTGAAGGACCTGCGGCAGTATCTGCTCCTCAGAAACGTACCGACCGACTTGTGCGGAGAAG
 GAGGACTTAGTGGATCTAGTGTGTGCCATCGTGGACTGGGCTCGGGGATGGCCTGGACTCAAGGAGTC
 TCAGTTCTCAAGATCCCAGACTTCTAGTTTTTTTACACAATCCTATTTTTCAAATTATACACCCCTC
 TGCTACTGTGCTCCTTCCAGGGAGAGCTGATGGACAGAGAGGGCACCTTCAGGTCAGAAGTTCTCACA
 CAGGTACAAAGTGAATTAGCTTCAGCAAACACGGATGATGAGGATGGGGAGGAAGATGACGACGATGATG
 ACGATGACGACGACGAGGATGACGATGAACAAGAAGAAAACCTTAGAGGAACAGAACCCGGGGCTCTCTAA
 GAAGAAGCGAGAGCTTCCCTGTCCGACCTGTCAAGCCTTGAAGAGGTGGAAGGGATGAGCGTGCAGCAG
 CTGAAGGAAATCCTGGCTCGGAATTTTGTCAACTATTCTGGCTGTGTGAAAAGTGGGAGCTGGTGGAGA
 AAGTCAACCGGCTGTACAAGGAGAATGAGGAAAACAAAAGTCATATGGTGAAGCGGATGCAACTTCAGGA
 TGAGGAAGACGACAGCCTGTGCCAATCTGCATGGATGCGGTCATTGACTGTGCTCCTGCTGGAGTGTGGG
 CACATGGTCACCTGCACCAAGTGCAGCAAGCGCATGAGTGAGTGTCCATCTGCAGGCAGTATGTGGTTC
 GAGCTGTGCATGTTTTCAAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR201332 representing NM_001004075
Red=Cloning site Green=Tags(s)

MKAGATSMWASCCGLLNEVMGTGAVRGQQAGFPGSTGPFRTFPSSDFPTYPPAATEGPNIVCKACGLSFS
 VFRKKHVCCDCKKDFCSLCSVSQENLRRCSTCHLLQETAFQRPQLMRLKVKDLRQYLLLRNVPTDTCREK
 EDLVDLVLCHRGLGSGDGLDSRSLSSRSQTSSFFTQSYF SNYTPSATVSSFQGELMDREGTFRSEVLT
 QVQSELASANTDDEDEEDDDDDDDDDDEDDDEQEENLEEQNPGLSKKKARASLSDLSSLEEVGMSVRQ
 LKEILARNFVNYSGCCEKWEKVNRLYKENEENQKSYGERMQLQDEEDDSLRCICMDAVIDCVLLECG
 HMVTCTKCGKRMSECPICRQYVVRAVHVFKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

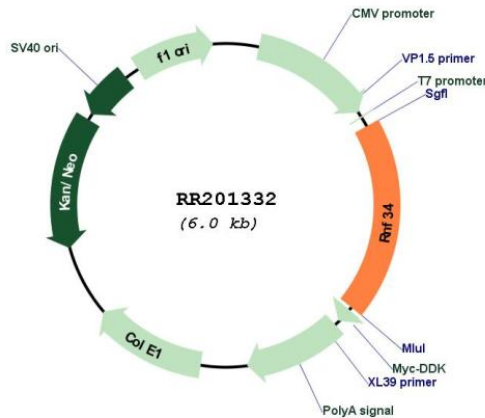
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001004075

ORF Size:	1143 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_001004075.1 , NP_001004075.1
RefSeq Size:	1985 bp
RefSeq ORF:	1146 bp
Locus ID:	282845
UniProt ID:	Q6AYH3
Cytogenetics:	12q16
MW:	42.7 kDa
Gene Summary:	has ubiquitin ligase activity [RGD, Feb 2006]