

Product datasheet for **RR214414**

Rassf3 (NM_001108747) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rassf3 (NM_001108747) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rassf3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214414 representing NM_001108747
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCAGCGCTACAGCAGCCTCGAGGAGGACGCGGAGGATTTTTCTCACCGCCAGGACCTCCTTCT
 TCAGGAGAGCGCCTCCGGCAAGTCCCCTTCGGGTCAGCCGGATGTGGAGAAGGAGAAGGAACACACAA
 TTACCTCAGCAAAGAGGAAATCAAAGAGAAAGTCATAAGTACAATTTAGCCGTCACAGTAAGCTGAAG
 ATGACCTTAAATTCAAACGGGATTTACTGCTTCATTAAGGTGCAGATGGAACCTCTGCAAACCTGCC
 AGACCCCTGCCAACCCAGCAGCAGTGGCTGCATGAACACGCTTCATATCAGCAGCACAAACACCGTGGG
 AGACGTGATCGACGCGTCTCAAGAAGTTTCAGGTGACCGAGAGTCCCACCAAGTTTGCCTTTATAAG
 CGTTGTACAGGGAAGACCAAGAACACCCGCTGTACCTGCGTTTGGTAGCAGGGCCAGAACCGACACGC
 TTAGTTTTGTTCTTCGAGAACACGAAATTGGAGAGTGGGAAGCCTTCAGCCTCCCGAGCTGCAGAACTT
 CTTGCGCATCTTGACAAGGAAGAGGACGAACAGCTACAGAGCCTGAAGCGGCGCTATACAGCCTACAGG
 CAGAAGCTGGAGGAAGCCCTGGGCGAGGTGTGGAAGCCAGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214414 representing NM_001108747
 Red=Cloning site Green=Tags(s)

MSSGYSSLEEDAEDFFFTARTSFRRAPPKRSRSGQPDVEKEKETHNYLSKEEIKEKVHKYNLAVTDKLL
 MTLNSNGIYTGFIKVQMEKCPAQTPANPSSSGCMNTLHISSTNTVGDVIDALLKKFQVTEPTKFA LYK
 RCHREDQEHPLYLRLVAGPRDTLSFVLRHEHEIGEWAFSLPELQNFRLILDKEEDEQLQSLKRRYTAYR
 QKLEELGEVWKPG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



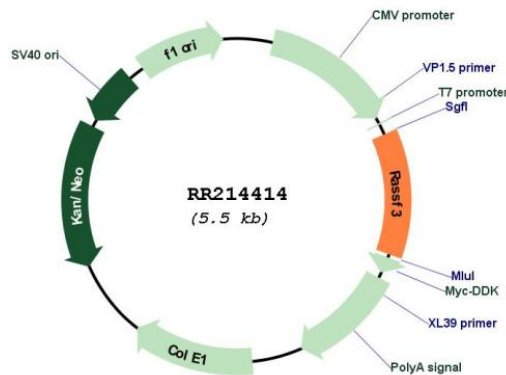
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108747

ORF Size: 672 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:	<u>NM_001108747.1, NP_001102217.1</u>
RefSeq Size:	3290 bp
RefSeq ORF:	675 bp
Locus ID:	362886
Cytogenetics:	7q22
MW:	25.8 kDa