

Product datasheet for RR214907

Rfxap (NM_001044263) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rfxap (NM_001044263) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rfxap
Synonyms: MGC112861
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR214907 representing NM_001044263
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGACAGGACGAGGCCGCGCGGACAGCGCTCTGAGGCCAGGTCTAGCGGGGAGCGAGGCCGCGCGG
 ACGCCGAGGATGAGCGGGGGAGGACGACGCCGACCTCTGGACACATCGGACCCGCGGGCGCGCGCGA
 GAGTGCGCCAGCCCCGAGGAGCTGGAGGACGAGGATGCCGAGGTGGCGCGCGCGCGCAGACGAGGC
 TCGAAGACCTGCACCTACGAGGGCTGCCGCGAGACCACCAGCCAGGTGGCCAAGCAGCGTAAGCCCTGGA
 TGTGTAAGAAGCACCGCAACAAGATGTACAAGGACAAGTACAAGAAGAAGAAGAGCGACCAGGCACAGGG
 CTCTGGTGGCCCCGCGCGGCCAGCACAGGCAATGTCAAAGTGGAGGAAAGCACAGAAAACATACTCTCC
 ATTGTCAAACAGAGAACGGGATCTTTTGGGGATCGCCCTGCAAGACCTACTCTATTAGAGCAAGTGTAA
 ATCAGAAAAGACTGTCTACTAAGAAGTCCAGAAGTTGTCCAGTTTTTACAGAAAACAGCAGCAGCTACT
 CAATCAACAAGTTTTGGAGCAAAGACAGCAGCAGTTCACAGGAGCTCCAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214907 representing NM_001044263
 Red=Cloning site Green=Tags(s)

MRQDEAAADSALRPGLAGSEAAADAEDAAGEDDADLLDTSDPAGGGESAASPEELEDADAEGGGAARRRG
 SKTCTYEGCRETTSQVAKQRKPWMCKKHRNKMYKDKYKKKSDQAQSGGPAAASTGNVKLEESTENILS
 IVKQRTGSFGDRPARPTLLEQVLNQRKLSLLRSPEVVQFLQKQQQLLNQQVLEQRQQQFPGAPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001044263

ORF Size: 612 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_001044263.1](#), [NP_001037728.1](#)

RefSeq Size: 1665 bp

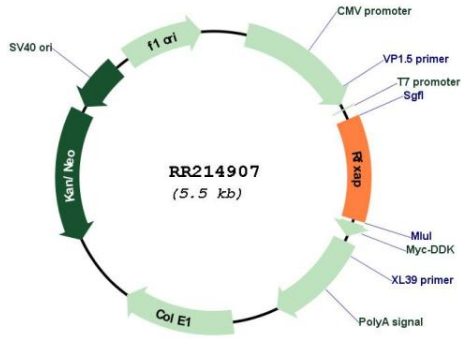
RefSeq ORF: 615 bp

Locus ID: 499617

Cytogenetics: 2q26

MW: 22.1 kDa

Product images:



Circular map for RR214907