

Product datasheet for RN204959

Rtp4 (NM_001108321) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rtp4 (NM_001108321) Rat Untagged Clone
Tag: Tag Free
Symbol: Rtp4
Synonyms: RGD1306974
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204959 representing NM_001108321
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGTTCTCCGATGACTTCAGTACTTGGGAGCAGAGATTTCAAGAAGTATCCGGGAGGAGAAGCCCG
 GGGCCAAGTGGACCCTGCACTTGGATAAGAACATTGTACCAGATGGTGCAGCTCTGGGATGGAGGCAGCA
 GCAGCAGACAGTAGTTGGCAGGTTCCAGTGTCCAGATGTTACAGAAGTTGGACCTCTGCTCAAGTGAAG
 ATCGTATGCCACATGTTCCAGGATGCTGGGAAAACACAGGGCCGGTACTCATGAGGATCTTTGGTCAGA
 GGTGCCAGAAGTGTTCGGTCTCAATTTGAGAGCCCTGAGTTCTCCACAGAGAGCATTGAAGGATGCT
 GAATAACCTGGTTAATTATTTCTGCAAAGATACTACGGACATAGGAAGATAGCATCAATCTTGAATGCA
 TCTTTGGATGAAAAGGTGCTTTTGGATGGGCCCATGACACATTAATTTGCGAGGCATGCAGTCTGCACC
 CCCATGGAAGGTGTGCCGTTGCACAGAGAGTGAGGCCACCCAGATCCCCATCTCCATCTCCATCGCCATC
 ACCAAAGAGCCACAGTTCCTCTCCATCAAGGAGCCACCCTCCTTTACTTCAGACTGAGATTACAGGTTTT
 AGGAACAGGCCTTTTCAGGAAGTCAGAGAGCCCGTGAAGCAGCATCACCCTATTAGTGATTTTGTCTG
 TCGCTCGCCTTGCCCTTATTGGTTTCTTCATTAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001108321
Insert Size: 738 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001108321.1</u> , <u>NP_001101791.1</u>
RefSeq Size:	1928 bp
RefSeq ORF:	738 bp
Locus ID:	360733
Cytogenetics:	11q23