

Product datasheet for **RN208713**

Rit2 (NM_001013060) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rit2 (NM_001013060) Rat Untagged Clone
Tag: Tag Free
Symbol: Rit2
Synonyms: Rin; Rit1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208713 representing NM_001013060
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGCAGAAAACGAAGCCCACTGCTGCCCTGGCAGCTCATCAGGCGGGTCCAGAGAGTACAAGGTGG
 TAATGCTGGGCGCAGGGGCGTTGGTAAAAGCGCAGTCACAATGCAGTTTATAAGCCACCAGTTCCTCGGA
 CTATCATGACCCACAATCGAAGATGCTTATAAAACCCAGGTGAGGATTGACAACGAGCCTGCTTACTTA
 GACATCTTGACACTGCCGGTCAGGCAGAGTTCACAGCCATGAGGGAGCAGTACATGCGTGGGGGAGAGG
 GCTTCATCATCTGCTATTCTGTCAGTCCAGGAGGCTGCAAGTTCAAGGAGCTGAT
 TTTCCAGGTCCGTACACCTATGAAATCCCTCGTGCTAGTGGGTAACAAGATTGACTTGGAGCAGTTC
 CGTCAGGTTTCTACAGAAGAAGGCATGACTCTTGTCTCGAGACTACAAGTGTGCCTTCTTTGAGACCTCTG
 CAGCCCTTCGATTCGGTATTGATGATGCTTTTCAAGGCTTAGTGAGAGAAATACGCAGGAAGGAATCCAT
 GCTGTCTTGGTGGAAAGGAAATTAAGAGGAAGGACAGCCTGTGGAAGAAGATAAAAGCCTCGCTGAAG
 AAGAAGCGAGAAAACATGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013060
Insert Size: 654 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_001013060.1</u> , <u>NP_001013078.1</u>
RefSeq Size:	1930 bp
RefSeq ORF:	654 bp
Locus ID:	291713
UniProt ID:	<u>Q5BJQ5</u>
Cytogenetics:	18p12
Gene Summary:	Binds and exchanges GTP and GDP.[UniProtKB/Swiss-Prot Function]