

## Product datasheet for **MC209316**

### Rit2 (NM\_009065) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rit2 (NM_009065) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rit2
Synonyms:	RIBA; Rin; Roc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209316 representing NM_009065 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGTAGAAAACGAAGCCCACTGCTGCCCTGGCAGCTCATCAGGCGGGTCCAGAGAGTACAAGGTGG  
TAATGCTGGGCGCAGGGGGCGTTGGTAAAAGCGCAGTCACAATGCAGTTTATAAGCCACCAGTCCC  
CTATCACGACCCACAATCGAAGATGCTTATAAAACCCAGGTGAGGATTGATAATGAGCCTGCTTACTTA  
GACATCTTGGACTGCTGGTCAGGCAGAGTTCACGGCCATGCGGGAGCAGTACATGCGTGGGGGAGAGG  
GCTTCATCATCTGCTATTCTGTCACTGACCGCCAGTCATTCCAGGAGGCTGCCAAGTTCAAGGAGCTTAT  
TTTCCAGGTCCGTACACCTATGAAATCCCCTTGTGCTAGTGGGTAACAAAATTGACTTGAGCAGTTC  
CGTCAGGTATCTACAGAAGAAGGCATGAATCTTGCTCGAGACTACAACCTGTGCCTCTTTGAGACATCTG  
CAGCCCTGCGATTTCGGTATCGATGATGCTTTTCAAGGCTTAGTGAGAGAAATTCGCAGGAAGGAATCCAT  
GCTGTCTTGGTGGAAAGGAAATTTGAAGAGGAAGGACAGCCTGTGGAAGAAGATAAAAAGCCTCCCTGAAG  
AAGAAGAGAGAAAACATGTTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009065
Insert Size:	654 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_009065.2</a></u> , <u><a href="#">NP_033091.1</a></u>
<b>RefSeq Size:</b>	1851 bp
<b>RefSeq ORF:</b>	654 bp
<b>Locus ID:</b>	19762
<b>UniProt ID:</b>	<u><a href="#">P70425</a></u>
<b>Cytogenetics:</b>	18 B1
<b>Gene Summary:</b>	Binds and exchanges GTP and GDP. Binds and modulates the activation of POU4F1 as gene expression regulator.[UniProtKB/Swiss-Prot Function]