

Product datasheet for **MC214672**

Rph3al (NM_029548) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rph3al (NM_029548) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rph3al
Synonyms: Gm1753; Noc2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214672 representing NM_029548
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGACACCATCTTCAGCAGTGGAATGATCAGTGGGTTTGCCCCAACGATCGGCAGCTTGCTCTGA
GAGCCAAGCTGCAGACGGGCTGGTCTGTGCACACGTACCAGACGGAGAAGCAGAGGAGGACCCAGTGCCT
GAGCCCCGGAGAGCTGGAGATCATCCTTCAGGTCATCCAGAGAGCAGAGAGGCTAGACATCCTGGAGCAG
CAGAGAATTGGGCGGCTGGTGGAGCGGCTGGAGACAATGCAGAGGAACGTGATGGCAACGGTCTCTCCC
AGTGTCTGCTCTGCGGGGAGGTGCTGGGATTCTGGGCAGCTCCTCCGTATTCTGCAAAGACTGCAGGAA
GAAAGTCTGCACCAAGTGTGGGATCGAGGCTTCCCCCGGCCAGAAGCGGCCCTGTGGCTGTGTAAGATC
TGCAGTGAGCAGAGAGAGGTCTGGAAGAGGTGAGGGGCTGGTTCTACAAAGGGCTCCCCAAGTACATCT
TGCCCCGAAAACCCCTGGCCGGGCTGATGATCCCCACTCCGACCTCTGCCTGTGGAGCCACAGAAAC
ACAGCCTCCGAGTGTGAAACCAGCCGTGTCTACACATGGGCCCGAGGGAGAGTGGTTCCAGTGACAGT
GACAGTGACTCAGATCTCAGCTCCTCCAGCCTGGAGGACAGACCCTTGCCTCTGGGGTCAAGGGCACAA
AAGGTGACAAGCCTAGAGGGGACTCAGGTGCCAGCATGGAGTACCCAGGCTGGGGCTGCCCGTCCACC
CAGCCATCTCTCGGCAGTCAGAGCAGCCTAGGCAGTGGGCTGGGACAGGTGCTACAGAGCCACAGGGA
GGCACCCAGCCAGCCTGAGCCAGGGTACCCGGCAAAAGACACACATGGGCAACTCCCCGCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029548
Insert Size: 909 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:	NM_029548.4 , NP_083824.1
RefSeq Size:	2135 bp
RefSeq ORF:	909 bp
Locus ID:	380714
UniProt ID:	Q768S4
Cytogenetics:	11 B5
Gene Summary:	<p>Rab GTPase effector involved in the late steps of regulated exocytosis, both in endocrine and exocrine cells. Regulates the exocytosis of dense-core vesicles in neuroendocrine cells through interaction with RAB27A. Acts as a potential RAB3B effector protein in epithelial cells. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>