

Product datasheet for RN203947

Rab3il1 (NM_134411) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab3il1 (NM_134411) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab3il1
Synonyms: Grab
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203947 representing NM_134411
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGAGCGGCCACCCCAACAAGACGAGGGCCTCCCTGTGGGCTCTCAGCTATTTAGTCCCCTGGA
 AAAACCTGGGCCAGCAAAGGTAACAGGAAGTCCCAGGAGGCCTGGTAGAAGCCTCTGCTTCTGGGA
 GGAGGCCGGGGTGAGGAACACCCAGCAGCTGCTCCATTGGATGTATCACGCCTGCGCAGCTCCTCCATG
 GAGATCCGAGAGAAGGGCTCTGAATTCCTAAAGGAGGAGCTATACAAAGCCAGAAGGAGCTGAAGCTTA
 AGGATGAAGAGTGTGAACGGCTTTGCAAAGTGCAGCACAGCTGGAGCAGGAGCTGGAGGAGCTGACGGC
 CAGCCTGTTTGAGGAAGCTCACAAAGATGGTTCCGGGAAGCCAACATGAAGCAGGCAGCATCGGAAAAGCAG
 TTGAAGGAGGCTTGGGGCAAGATCGACATGCTACAGGCAGAGGTGACAGCCTTGAAGACTGGTCATCA
 CATCCACACCAGCCTCTCCAACCGTGAGCTCCACCCACAGCTGCTGAGTCCCACAAAGCCGGACCCCG
 AAAGGGCCACTCACGCCAAAAGAGCACCAGCTCCCTCTGCCCTGTGTGTGCCCACTGCAGGGCATATC
 CCCACCCAGACAAAGAAGGCAAGGAGGTGGATAACAACCTGTTTGCAGAGTCCAGGCTTGGAGGGCAT
 CACCTACCCTGGATAAGAAGTCCCTTCTAGAAAGGGTGTACCGGGAGGAGCTGGGCCCTTGCCTCGA
 CTTACAGTGCAGGAGCTCTCAGCTCTAGTTCGGACGGCAGTGGAGGACAACACTCACCATGAGCCC
 GTGGCTTACAGACTCTGCCAATGTTGAGTGTAAACAACCAACACATGTGCCCTGAGTGGACTGGCGC
 GTACCTGCCACCATCGAATCCGCTGGGGACTCTGACGGCCACTATTACATCTACCGTCTCCCGGGC
 CAGGATCACTGCAGTATGCAACTTCTTACCTATGTGCGTTACATCCAGCAAGGCCTGGTTCCGCAAGAT
 GCTGAGCCGATGTTCTGGGAGATCATGAGGCTGCGGAAGGGGATGCTACTAGCCAAGCTTGGCTTCTTCC
 CCCAGGAGGCC**TAG**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_134411
Insert Size:	1134 bp
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_134411.1, NP_599238.1</u>
RefSeq Size:	1134 bp
RefSeq ORF:	1134 bp
Locus ID:	171452
UniProt ID:	<u>Q99NH3</u>
Cytogenetics:	1q43
Gene Summary:	guanine nucleotide exchange factor for Rab3A; interacts with both InsP6K1 and Rab3A involved in regulation of vesicle exocytosis [RGD, Feb 2006]