

Product datasheet for MC214420

Rab9b (NM_176971) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab9b (NM_176971) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rab9b
Synonyms: 9330195C02Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214420 representing NM_176971
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGGGAAATCCCTTCTCTTAAAGGTCATCCTCTTGGGTGATGGAGGAGTTGGGAAAAGCTCACTTA
 TGAACCGTTATGTAACCAACAAGTTCGACTCCCAGGCTTTTCACACGATAGGGGTAGAGTCTTAAATCG
 AGATCTGGAGGTAGATGGACGCTTTGTGACCCTCCAGATCTGGGACACTGCGGGGCAGGAACGTTTCAAG
 AGCCTTAGAACACCATTCTACAGGGGAGCCGACTGCTGCCTGCTAACCTTCAGTGTGGATGACCGGCAGA
 GCTTTGAGAACCCTTGGTAACTGGCAAAAAGAGTTCATCTACTATGCAGATGTTAAAGGACCCAGATCATT
 CCCCTTTGTGGTCTGGGTAACAAGGTAGACAAAGAGGATAGGCAAGTAACGACTGAGGAGGCACAAGCC
 TGGTGATGGAGAATGGAATTACCTTATCTAGAAACAAGTGCCAAAGATGATACTAATGTGACAGTGG
 CCTTTGAAGAAGCTGTTAGGCAGGTGTTAGCTGTAGAGGAACAGCTGGAACATTGTATGTTAGGTCACAC
 CATTGATTTGAACAGTGGCTCCAAGCAAGTTCCTTCTTGTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_176971
Insert Size: 606 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).



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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_176971.2</u> , <u>NP_795945.1</u>
RefSeq Size:	3761 bp
RefSeq ORF:	606 bp
Locus ID:	319642
UniProt ID:	<u>Q8BHH2</u>
Cytogenetics:	X F1
Gene Summary:	Involved in the transport of proteins between the endosomes and the trans Golgi network. [UniProtKB/Swiss-Prot Function]