

Product datasheet for **MC205334**

Rabif (NM_145510) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabif (NM_145510) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rabif
Synonyms:	AI842864; AW549708; E130318E12Rik; MSS4; RASGFR3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC011166
 GGCTGATGGTGTGGCGGCACGGCGATGGAACCCTGCGAGCTGCAGAACGAGCTCGTGTGTCAGCCGAGGGCC
 GGAACCGGAAGGCGGTGCTGTGCCAGCGTTGTGGCTCTCGGGTGTGCAGCCAGGGACTGCTCTTTTCTC
 TCGCCGGCAGCTCTTCTCCCCTCCATGAGAAAGAAGCCAGATCTGGCCGACGGCAGCAATCCTGATGGT
 GATCTCTCCAGGAACACTGGCTGGTTAATGACATGTTACCTTTGAGAAATGTGGGCTTACCAAGGACG
 TGGGCAACATCAAGTTTCTGGTCTGTGCAGACTGTGAGATTGGACCCATTGGCTGGCATTGCCTAGATGA
 CAAGAACAGCTTCTATGTGGCCTTGGAAACGAGTTTCCCATGAGTAACTGTGGGGCTAGGGACGTGGCTCC
 ACCCTAGCTATAAACTCTCCCCACAAGAACCGACACTGGACCTGGTGTGTCAGCTGTGCTGGCAGACTT
 GTTGGTACTAATAAATGACGAGCACTGGTGTGGCCCTTGAACCTGCAGAGGGCCAGTCTGCTTCCG
 TCAGGCCCTCAGAGCATGCCTCCCCTTAGTCGTCTGTGCGCACCTTGCTTAAAGCCCTTTCCCCTGTT
 TTGGAACATGGAAGAACATGCAAGTACTCTACCAGTGTAGCCTGGTCCCTGGCACTCCGCTCCATGCCT
 TGACCCAGGGCTCGTCTTCTCTCAACAAGAGCAGCATTTCATTTTTAGCCATGATGAAAGGAAATA
 AGATGTTTACTCGCTAATCGTTGAACTCCACCTTTTCTATTCTAGAAGCCAAATGTAATAAGGTGCAC
 ATCTGTAATCCTAGTTTTGGGAGGTAGAGGCAGGAGGATCAGGAGTTCAAGGCCAACCTCAGCTACATA
 GCCTGGGCCAGGTGAGACACTGTCTCATAAAACATAAAGCATAACAAGTATTTGAGAGTTCATTTCATTGTA
 TGTGACCTACTTGTCCACAGTAATTTATCTTTTTAAAAGTAAAACATTTACAAATGTCAGTATTTAAAC
 CTATTCAGAAACACATTACTTTAGACACATTTTCAATTCTTCTTGGAGGCCCTTCTTCTGGGTTGATA
 GTGGCATTATAGTGAAGATGAACTCGACCTTCTTCTCAGATCTTGGTCACTTCTTTTTATTA
 GCTCTAGCTACTTCAGTCTCTGCACCAGGCTCTTGGAAATCAGAGTAGAGATACGGTATACAAGA
 GGTCGGCTCAGCCAGATAACACATGGGTTACTAGGAAAGACTTTTTAGTGGCACTGCCACCATTTCATT
 AAATATAGGTTGCAAGGGCTTGGGATTGTGGTCACTTGGACCTGTCTATACCGACCAAGAATGCAAA
 CCTTGTCCATGGAGATTTCTATTGTTACGGGCTGGTGTACCTTTTCTATTAGCCAACCTAAGTCTTC
 AACGTGATTTCCAGTTGCTCTGTCATTTCTCATCTGGAGTGACCTGGTAGCTTAAAAGGACTCTGTATAA
 CCAGGTTCAAATACATTGCCATCATCCCTTCTTCTGGGGGCCTACACTGAGATAAGTAGACCTCATTAT
 TCTCATAATGTAGTGCTTAGCAAGTGGGAGCAGATCAAGAGTTCAGGTTGGCCTCGGTTACATATCG
 AATTCAAAGCCAGCCTGTACCACATGAGATCCTGTTTCAAATGAACAAACACATGAAAAAATCAAGTAGG
 AACTGGAGAAACGTCTCACAGTTAAGAATGTTGCTGCTCTCAGAGGACCCGAATTCAGTACCCAGCT
 CCCAGCAGGAGGCTCCAGCTGCCTGTAACCTCCAGTTCATGCCCTTCTGGTCCCTGCAGTTGCCTGCC
 ATGAATGGCGCACATACAGACAAGCAGGTGCACACATAACAATAAGTAAATAAAAAATTTACGGATTA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_145510

Insert Size: 372 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:**
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: [BC011166](#), [AAH11166](#)

RefSeq Size: 2005 bp

RefSeq ORF: 372 bp

Locus ID: 98710

UniProt ID: [Q91X96](#)

Cytogenetics: 1 E4

Gene Summary: Guanine-nucleotide-releasing protein that acts on members of the SEC4/YPT1/RAB subfamily. Stimulates GDP release from both YPT1 and RAB3A, but is less active on these proteins than on the SEC4 protein. Might play a general role in vesicular transport (By similarity).
[UniProtKB/Swiss-Prot Function]