

Product datasheet for **RN211219**

Rabgef1 (NM_001108333) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabgef1 (NM_001108333) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rabgef1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211219 representing NM_001108333
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTTCTCACTCCTTGTTATCAGGAAGAAGATGAGCCTGAAGTCCGAACGCCGGGAATTCATGTGG
 ATCAGTCGGAGCTCCTGTGCAAGAAAGGATGTGGTTATTATGAAACCCGCTGGCAGGGTTTCTGCTC
 CAAATGCTGGAGGGAGGAGTACCACAAGGCCCGCAGAGGCAGATCCAAGAGGACTGGGAACTAGCAGAA
 CGACTTACGCGGGAGGAGGAAGAGGCCCTTCGCTAGCAGCCAGAGCAGCCAAGGAGCCAGTCCCTCACCT
 TCTCCAAGTTTGAGGAGAAGAAAACCAATGAGAAAACCGCAAAGTACCACAGTGAAGAAGTTCTTCAG
 CGCCTCTCCAGGGCTGGATCCAAGAAGGAAATTCAGGAAGCCAAAGCTCCAGTCCCTCCATAAACCGG
 CAGACCAGCATTGAGACGGACCGAGTGACTAAGGAGTTTCATAGACTTTCTCAAGACCTCCACAAGACAG
 GCCAAGAAGTCTATAAACAGACGAAGATGTTTTGGAAGCAATGCCTTATAAAGGGATTTAAGCATCGA
 GGAACAGTCAGAATGTAAGTACTCAGGACTTTTACCAGAATGTGGCGGAAAGGTTGCAGACCCGCGGAAAGT
 CCTCCAGAGAAAGTGGAGAAGATGATGGATCAGATCGAAAAGCACATCATGACCCGCTCTATAAATTTG
 TGTCTGCCAGAGACGACTGATGACGAGAAAAAGATCTCGCCATTCAAAGAGGATCAGGGCTCTGCA
 CTGGGTGACACCTCAGATGCTCTGTGTCCCGTCAATGAGGAAATCCCGGAAGTGTCTGACATGGTGGT
 AAAGCGATCACAGACATCATTGAGATGGACTCAAAGCGTGTGCCTCGGGACAAGCTGGCCTGCATCACCA
 GGTGTAGCAAGCACATCTTCAATGCCATCAAGATCACCAAGAATGAGCCAGCCTCTGCCGATGACTTCT
 GCCCACCTTATCTACATCGTCTGAAGGGCAACCCCTCGTCTGCAGTCCAACATCCAGTACATCACT
 CGCTTCTGCAACCCAGCCGGCTCATGACGGGCGAGGATGGCTACTACTCACCAACCTGTGCTGTGCTG
 TGGCTTTCATTGAGAACTAGACGCTCAGTCTTTGAATTTAAGTCAGGAGGATTTTGACCGGTGATGTC
 TGGCCAGACGTCCCCAGGAAGCAAGAGTCTGAGAGTTGGTCCCCGAGGCTGCTTAGGTGTAAGCAA
 ATGTATAAGAAGTGGACCTCCTGTCTCAGCTGAATGAACGCGCAGGAAAGAATCATGACTGAAGCCAAGA
 AACTCGAAAAAGACTTAATAGACTGGACAGATGGGATCGCCAAGGAAGTCAAGACATTGTTGAGAAGTA
 CCCTCTTGAGATTAAGCCCCAAACCAACCCTTAGCAGCCATTGACTCTGAGAATGTGGAGAACGACAAG
 CTCCTCCCCCTGACGCCGAGGTGTATGCAGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108333
- Insert Size:** 1509 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: [NM_001108333.1](#), [NP_001101803.1](#)

RefSeq Size: 2826 bp

RefSeq ORF: 1509 bp

Locus ID: 360797

Cytogenetics: 12q12