

## Product datasheet for **RN215063**

### **Rabggta (NM\_031654) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rabggta (NM_031654) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rabggta
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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<b>Fully Sequenced ORF:</b>	>RN215063 representing NM_031654 Red=Cloning site Blue=ORF Orange=Stop codon  TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGGATCGCC  ATGCATGGGCGCCTGAAGGTGAAGACGTCGGAAGAGCAGGCAGAGGCCAAAAGGCTAGAACGAGAGCAGA AGCTAAAGCTCTACCAGTCAGCCACTCAAGCTGTCTTCCAGAAGCGTCAGGCTGGTGAGCTGGATGAATC AGTGCTAGAAGTACAAGCCAGATTCTGGGAGCCAACCCTGATTTTGCCACCCTCTGAACTGTGGAAGA GAAGTACTCCAGCACCTGAAAACCGAGAAGTCCCCTGAGGAGTCAGCTGCTCTTGTGAAGGCAGAAGTGG GCTTCTAGAGAGCTGTCTTCTGTGAACCCTAAGTCCTATGGCACTTGGCACCACCGCTGCTGGCTGCT GAGTCGCCTGCCTGAGCCCACTGGGCCGGGAGCTGGAGCTATGCGCTCGTTCCTCGAGGCCGATGAG CGGAACTTTCATTGCTGGGACTATCGGCGATTTGTAGCCGCACAGGCTGCTGTTGCCCTGCAGAGGAAC TAGCCTTCACTGACAGCCTCATACCCGTAACCTCTCCAATTTCTCCTGGCATTATCGCTCCTGCCT CTTGCCACAGCTGCACCCCGAGCCAGACTCTGGCCACAGGGTCGGCTCCCTGAAAATGTACTGCTGAAA GAGCTGGAGTTGGTGCAGAATGCCTTCTTACTGACCCCAACGATCAGAGTGCCTGGTTCTATCACCGCT GGCTCCTGGGTCGGGCGGAGCCCCAGATGTTCTATGCTGTGTGCATGTGAGCCGGGAGGAGGCCTGTCT GTCCGCTGCTTTTCTCGTCCCCTGACAGTGGGCTCCAGAATGGGGACCTTGCTACTCATGGTTGATGAG GCACCTTTGAGTGTGGAGTGGAGGACTCCAGATGGCAGGAACCGCCAGCCATGTCTGGCTCTGTGACC TGCTGCTGCCTCTCAATGACCAGTTGCCCCAGCACAGTTTCGTGTCATCTGGACAGGAAGTATAG CCAGAAGGAGTGTGTCTTTAAAAGACCGCCAGAATGCTGGTCCGAGACTCAGCCACTGATGAACAG CTATTCAGGTGTGAGCTGTGAGTGGAAAAGTCCACAGTGTGAGTCTGAGCTTGAATCCTGTAAGGAGC TGCAGGAAGTGTGAGCTGAGAAATAAATGGTGCCTGCTGACCATCCTGCTGATGCGAGCACTGGACCC CCTCCTCTATGAGAAGGAAACACTGCAGTACTTCAAGTACCCTCAAAGCTGTGGACCAATGAGAGCAGCT TACTTGGATGACCTGCGCAGCAAGTTCTTGTGGAGAAGTGTCTCAAGATGGAGTACGCTGATGTAC GCGTGCTGCACCTGGCTCACAAGGATCTCACAGTGTCTGCCACCTGGAACAAGTCTCTTGGTCACTCA TCTTGACCTGTCCATAATCGACTCCGAGCCTTACCCCGAGCCCTGGCTGCTCTGCGCTGTCTTGAGGTG CTGCAGGCCAGTGACAATGCCCTGGAGAAGTGGATGGTGTGGCTAACCTTCCCGGCTACAAGAGCTGT TACTATGTAATAACCGCCTCCAACAGTCTGCAGCAATCCAGCCTCTTGTCTCCTGCCCGAGGCTAGTCT CCTCAACTGCAGGGCAACTCGCTGTGCCAAGAAGAGGGCATCCAGGAGCGTTTGGCTGAGATGCTACCG TCTGTGACGAGCATCCTCACCAG  AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
<b>Restriction Sites:</b>	Sgfl-RsrII
<b>ACCN:</b>	NM_031654
<b>Insert Size:</b>	1704 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_031654.2](#), [NP\\_113842.1](#)

**RefSeq Size:** 1940 bp

**RefSeq ORF:** 1704 bp

**Locus ID:** 58983

**UniProt ID:** [Q08602](#)

**Cytogenetics:** 15p13

**Gene Summary:** subunit of Rab geranylgeranyl transferase, which catalyses the transfer of geranylgeranyl groups to Rab protein cysteine residues [RGD, Feb 2006]