

Product datasheet for MC217797

Rabgta (BC012214) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rabgta (BC012214) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Rabgta
 Synonyms: gm
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC012214
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCATGGGGCCTGAAGGTGAAGACGTCCGAAGAGCAGGCAGAGGCCAAAAGGCTAGAGCGGGAACAGA
 AGCTAAAGCTCTACCAGTCAGCCACTCAAGCTGTCTTCCAGAAGCGGGAGGCAGGCGAGCTGGATGAATC
 CGTCCTAGAAGTACAAGCCAGATTCTGGGAGCCAACCCTGATTTGCCACCCTCTGGAAGTGTGCGAGA
 GAAGTGTCTCCAGCAGCTAGAAACCCAGAAGTCCCCTGAGGAGTTGGCTGCTCTTGTGAAGGCAGAACTAG
 GCTTCCTTGAGAGCTGTCTGCGTGTGAACCCTAAGTCCTATGGCACTTGGCACCACCGCTGCTGGTGCT
 GAGTCGCCTGCCTGAGCCCAACTGGGCCCGGGAGCTGGAGCTGTGCGCTCGCTTCCCTCGAGGCCGATGAG
 CGGAACCTTTCATTGCTGGGACTATCGGCGATTTGTAGCTGCACAGGCTGCTGTGCGCCTGCAGAGGAAC
 TAGCCTTCACTGACAGCCTCATCACCCGGAAGTCTCCAATATTCTTCCCTGGCATTATCGCTCCTGCCT
 CTTGCCCCAGCTGCACCCAGCCAGACTCTGGCCCCAGGGACGGCTCCCTGAAAATGTACTGCTGAGA
 GAGCTGGAGTTGGTGCAGAATGCCTTCTTACTGACCCCAATGATCAGAGTGCCTGGTTCTATCACCGCT
 GGCTCCTGGGGCGGGCGGAGCCCCACGATGTTCTGTGCTGCATGTGAGCCGGGAAGGCCCTGTCT
 GTCAGTCTGCTTTTCTCGTCCCCTGATAGTGGCTCCAAGATGGGGACCTTGTACTCACGTTGACGAG
 GCACCTTTGAGTGTGAATGGAGGACTCCAGATGGCAGGAACCGCCAGCCATGTCTGGGTATCCCGGG
 ATTGGTGGGGCAGGATTAGGGTGGGACAGTCAGAAAAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC012214
 Insert Size: 954 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:	BC012214 , AAH12214
RefSeq Size:	2176 bp
RefSeq ORF:	953 bp
Locus ID:	56187
Cytogenetics:	14 28.19 cM
Gene Summary:	Catalyzes the transfer of a geranylgeranyl moiety from geranylgeranyl diphosphate to both cysteines of Rab proteins with the C-terminal sequence -XXCC, -XCXC and -CCXX, such as RAB1A, RAB3A, RAB5A and RAB7A.[UniProtKB/Swiss-Prot Function]