

Product datasheet for **MC209279**

Rabggtb (NM_011231) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rabggtb (NM_011231) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rabggtb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209279 representing NM_011231
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGATCTCTGCTTTTTCTTGGAAAGGGCACACAGCAGAAAGACGTTACTATCAAGTCAGATGCGCCTG
ACACCCGTGTGCTGGAGAAGCATGCCGATTATATTGCTTCCTATGGCTCAAAGAAAGATGATTATGAATA
CTGCATGCTGAATACCTGAGAATGAGCGCGTCTATTGGGCGCTGACTGTGATGGACCTCATGGGACAG
CTTCATCGCATGAACCGAGAAGAAATCCTGGTGTATCAAGTCGTGCCAGCATGAGTGTGGGGGAATAA
GTGCTAGCATTGGGCACGACCCCACTTCTGTACACGCTCAGTGTCCAGATTCTTACTCTGTATGA
CAGTGTTCATGTTATCAACGTAGATAAGGTCGTGGCCTATGTTTCAGAGCCTACAGAAAGAAGATGGCTCC
TTTGCTGGAGACATTTGGGGAGAAATTGATACAAGATTCTCATTTTGTGCGGTGGCAACTTTGGCTCTTT
TGGGCAAGCTTGATGCTATTAATGTGAAAAGGCGATTGAGTTTGTCTTCTGCATGAACCTTTGATGG
TGGATTTGGGTGCAGACCAGGCTCTGAATCTCACGCTGGGCAGATCTATTGTTGCACAGGATTCCTGGCC
ATAACTAGTCAGTTGCACCAAGTGAACCTCCGACCTACTTGGTTGGTGGCTTTGTGAGCGGCAGTTGCCCT
CAGGCGGACTCAATGGAAGACCCGAGAAGTTACCAGATGTGTGCTATTTCATGGTGGGTGTTGGCCTCCCT
AAAGATCATCGGGAGACTTCATTGGATTGACAGAGAAAAGCTTCGAAGTTTCATCTTAGCGTGTCAAGAT
GAAGAGACGGGAGGATTTGCAGACAGACCAGGAGATATGGTGGATCCCTTTCATACCTTATTTGGCATTG
CTGGGTTGTCCTTCTGGGAGAAGAGCAGATCAAGCCTGTTAGCCCTGTCTTCTGTATGCCAGAAGAGGT
GCTTCAGAGGGTGAATGTCCAGCCTGAGCTAGTGAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_011231
Insert Size: 1020 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: | NM_011231.2 , NP_035361.2 |
| RefSeq Size: | 1476 bp |
| RefSeq ORF: | 1020 bp |
| Locus ID: | 19352 |
| UniProt ID: | P53612 |
| Cytogenetics: | 3 78.76 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] Transcript Variant: This variant (1) encodes the longest isoform (1). |