

Product datasheet for **RN204676**

Rabggtb (NM_138708) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabggtb (NM_138708) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rabggtb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204676 representing NM_138708 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCACACAGCAGAAGGACGTCAACATCAAGTCAGATGCGCCTGACACCCTGCTGCTCGAGAAGCATG
 CTGATTATATCGCCTCGTACGGCTCAAAGAAAGATGATTATGAATACTGCATGTCCGAATACTTGAGAAT
 GAGCGCGCTCTACTGGGGCTGACAGTGATGGACCTCATGGGGCAGCTTCATCGGATGAATAAAGAGGAG
 ATACTGGTGTATCAAGTCGTGCCAGCATGAGTGTGGGGGAGTCAGTGCCAGCATCGGGCACGACCCCC
 ACCTTCTCTACAGCTCAGTGCTGTCAGATTCTCACTCTGTATGATAGCATCCATGTAATCAACGTAGA
 CAAAGTGGTAGCCTATGTTTCAGAGTCTACAGAAAGAAGATGGTTCCTTTGCTGGAGACATCTGGGGAGAA
 ATCGATACAAGATTCTCATTTTGTGAGTGGCAACTTTGGCTCTCTTGGGCAAACTTGATGCTATTAATG
 TGGAAAAGGCCATTGAATTTGTTTTGTCTGTATGAACCTTGATGGTGGATTTGGGTGCAGACCAGGCTC
 TGAATCTCACGCCGACAGATCTATTGTTGCACAGGATTCCTGGCCATAACTAGTCAGTTGCATCAAGTG
 AACTCCGACCTACTTGGTTGGTGGCTTTGTGAACGACAGTTGCCCTCTGGCGGACTCAATGGAAGACCCG
 AGAAGTTACCAGATGTGTGCTATTCTGGTGGTGTGGCCTCCTAAAGATAATCGGGAGGCTTCATTG
 GATTGACAGAGAAAAGCTTCGAAGCTTCATCTTGGCATGTCAAGATGAAGAGACAGGAGGTTTGCAGAC
 AGGCCAGGAGACATGGTGGATCCCTTTACACCTTGTGGCATTGCTGGATTGTCACTTCTGGGGGAAG
 AGCAGATCAAGCCTGTACGCCCTGTCTTTGCATGCCTGAAGAAGTGCTACAGAGGGTGAATGTCCAGCC
 TGAAGTAGTGAGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_138708


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Insert Size:	996 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:	<u>NM_138708.2</u> , <u>NP_619715.1</u>
RefSeq Size:	1344 bp
RefSeq ORF:	996 bp
Locus ID:	25533
UniProt ID:	<u>Q08603</u>
Cytogenetics:	2q45
Gene Summary:	subunit of Rab geranylgeranyl transferase, which catalyses the transfer of geranylgeranyl groups to Rab protein cysteine residues [RGD, Feb 2006]