

Product datasheet for **RN210862**

Rab8a (NM_053998) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab8a (NM_053998) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab8a
Synonyms: Mel; Rab8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN210862 representing NM_053998
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAAGACCTACGATTACCTGTTCAAGCTGCTGCTGATCGGGGACTCGGGGTAGGGAAGACCTGTG
TCCTGTTCCGCTTCTCCGAGGACGCCTTCAATTCACGTTTCATCTCTACCATAGGAATTGACTTTAAAT
TAGGACCATAGAGCTCGATGGCAAGAGGATTAAGTGCAGATATGGGACACAGCCGCCAGGAGCGGTTT
CGGACAATCACGACAGCCTACTACAGGGGTGCCATGGGTATCATGCTGGTCTACGACATTACCAATGAGA
AGTCTTCGACAACATCCGGAATTGGATTCGGAACATTGAGGAGCATGCCTCTGCAGATGTGGAGAAGAT
GATACTGGGGAATAAGTGTGATGTGAACGACAAGAGGCAGGTGTCCAAGGAACGGGGAGAAAAGCTGGCA
CTCGACTATGGGATCAAGTTCATGGAGACCAGCGCAAGGCCAACATCAATGTGGAGAACGCATTTTCA
CTCTCGCCAGGGATATCAAAGCAAAAATGGACAAAAATTTGGAAGGGAACAGCCACAGGGGAGCAGCCA
TGGAGTCAAGATCACAGTGGAGCAGCAGAAGAGGACCAGCTTCTCCGGTGCAGTCTCCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053998
Insert Size: 624 bp



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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:	<u>NM_053998.2, NP_446450.2</u>
RefSeq Size:	1768 bp
RefSeq ORF:	624 bp
Locus ID:	117103
UniProt ID:	<u>P35280</u>
Cytogenetics:	16p14
Gene Summary:	member of low molecular weight (LMW) GTP-binding protein, rab family; may function in regulating neurotransmitter release [RGD, Feb 2006]