

Product datasheet for **RN204749**

Rab3a (NM_013018) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab3a (NM_013018) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab3a
Synonyms: RAB3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204749 representing NM_013018
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCAGCCACAGACTCTCGATATGGGCAGAAGGAGTCTCAGACCAGAACTTCGACTATATGTTCA
AGATCCTGATCATTGGTAACAGCAGTGTGGGCAAACCTATTCTTTCCGCTACGCAGACGACTCTTT
TACTCCAGCCTTTGTGCACTGTGGGCATAGACTTCAAGGTCAAACCATCTACCGCAATGACAAGAGG
ATCAAGCTGCAGATCTGGGACACAGCAGGACAAGAGCGGTACCGAACCATCACCAGCCTACTACCGGG
GCGCCATGGGCTTCATTCTAATGTATGACATCACCAATGAGGAGTCCCTCAATGCAGTGCAGGACTGGTC
CACTCAGATCAAACTTACTCATGGGACAATGCCAGGTGCTGCTGGTGGGGAACAAGTGCAGATGGAG
GACGAGCGAGTGGTGTCTCAGAACGAGGCCGGCAGCTGGCCGACCACCTGGGCTTTGAGTTCTTTGAGG
CCAGCGCAAGGACAACATTAATGTCAAGCAGACCTTTGAACGTCTGGTGGACGTGATCTGTGAGAAGAT
GTCGGAGTCCCTAGACTGCAGACCTGCAGTCACGGGTGCCAAGCAGGGCCACAGCTCACCGACCAG
CAGGCACCACCTCATCAGGATTGCGCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013018
Insert Size: 663 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:	NM_013018.2 , NP_037150.2
RefSeq Size:	1404 bp
RefSeq ORF:	663 bp
Locus ID:	25531
UniProt ID:	P63012
Cytogenetics:	16p14
Gene Summary:	regulated synaptic vesicle endocytosis [RGD, Feb 2006]