

Product datasheet for MC209273

Rab33a (NM_011228) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Rab33a

Synonyms: Rab; Rabs10

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC209273 representing NM_011228
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCACAGCCCATCCTGGGCCATGGGAGCCTGCAGCCCGCCTCAGCTGCTGGCTTGGCATCCTTGGAGC
TCGACTCATCGATGGACCACTACGTGCAGATTCGATTTTCAAATCATCGTGATTGGGGATTCCAACGT
GGGCAAGACCTGCCTGACCTTCCGCTTCTGCGGGGTACTTTCCAGACAAGACTGAGGCCACTATCGGT
GTGGACTTCAGGGAGAAGACCGTGAAATCGAGGGCGAGAAGATCAAGGTTCAAGTGTGGGACACGGCAG
GCCAAGAAGCGTTCCGTAAAAGCATGGTTGAGCATTACTACCGCAACGTGCATGCCGTGGTCTTTGTCTA
TGACGTACCAAGATGACCTCCTTACCAACTTAAAAATGTGGATCCAGGAATGCAACGGGCATGCTGTG
CCCCACTCGTCCCAAGGTGCTTGTGGGTAACAAGTGTGACTTGAGGGAACAGATCCAGGTACCTCCA
ACTTAGCCCTGAAATTTGCTGACGCTCATAACATGCTCTTGTGAGACATCAGCCAAGGACCCAAAGA
AAGCCAGAATGTGGAGTCGATCTTCATGTGCCTGGCTTGCCGACTTAAGGCCAGAAATCCCTCTTGATC
CGTGATGCCGAGAGGCAGCAAGGCAAGGTGCAGAACTGGAGTTCTCACAAGAGGCTAACGGTAAAGCCT
CCTGTCCTTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011228

Insert Size: 714 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_011228.2</u> , <u>NP_035358.1</u>
RefSeq Size:	1183 bp
RefSeq ORF:	714 bp
Locus ID:	19337
UniProt ID:	<u>P97950</u>
Cytogenetics:	X A5
Gene Summary:	This gene encodes a member of the Ras-related small GTPases, which regulate membrane trafficking in organelles and transport vesicles. This protein has been reported to be expressed in lymphocytes and in regions of the mouse brain, specifically the cortex, hippocampus and also the olfactory bulb. The ortholog of this protein in rat has been characterized and may participate in anterograde trafficking of synaptophysin-positive vesicles to the plasma membrane. [provided by RefSeq, Jun 2013]