

Product datasheet for **MC218056**

Rab26 (NM_177375) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rab26 (NM_177375) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Rab26
 Synonyms: A830020M03Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC218056 representing NM_177375
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCAGGAAGAAGACCCCAAGAGCAAGGGGGGAGTGAGCCGGCTACCTCTACGCTGCCCGCCGCCG
 CCGCCGCCACCAATGGGCCACGTCTGGCACATCCGAGGACTGTGCGCCCTGGCCAGAGGCACCGCCCA
 TGGGCCCCCGCAGTCCATCCGGCCCTCACTTGGTAGCACTGGAGACTTCTACGATGTTGCTTCAAGGTC
 ATGCTGGTGGGGATTCCGGTGTGGGAAGACCTGCCTGCTTGTGCGCTTCAAGGATGGGCTTTCCTGG
 CTGGTACCTTCATCTCCACTGTGGGCATCGACTCCGGAATAAAGTTCTGGATGTGGATGGCATGAAGT
 GAAGCTGCAGATCTGGACACAGCTGGTCAGGAGCGGTTCCGAAGTGTACCCATGCCTACTACCGAGAT
 GCTCACGCACTGTTGCTGCTCTACGACATACCAACAAAGATTCTTCGACAACATTCAGGCCTGGTTGA
 CAGAGATCCAGGAATATGCCAGCAGGATGTGGTGTCTATGCTGCTAGGGAACAAGGTTGACTCTACTCA
 AGACCGTGTGGTAAAGAGGGAAGATGGGGAGAAATTAGCCAAGGAGTATGGGCTACCTTTCATGGAGACC
 AGCGCAAGGACTGGCCTCAACGTGGACTTGGCTTTTACAGCCATAGCAAAGGAGCTGAAACAGAGATCAG
 CCAAGGCTCCAGCGAGCCGCTTCAGGCTGCATGACTATGTTAAGAGGGAGGGCCGAGGGTCTCCTG
 CTGTCGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_177375
 Insert Size: 783 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_177375.1 , NP_796349.1 |
| RefSeq Size: | 1434 bp |
| RefSeq ORF: | 783 bp |
| Locus ID: | 328778 |
| UniProt ID: | Q504M8 |
| Cytogenetics: | 17 A3.3 |
| Gene Summary: | The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Mediates transport of ADRA2A and ADRA2B from the Golgi to the cell membrane. Plays a role in the maturation of zymogenic granules and in pepsinogen secretion in the stomach (By similarity). Plays a role in the secretion of amylase from acinar granules in the parotid gland.[UniProtKB/Swiss-Prot Function] |