

Product datasheet for **MC200290**

Rabac1 (NM_010261) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabac1 (NM_010261) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rabac1
Synonyms:	2310040I06Rik; Gbpap1; PRA1; prenylin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC008242 sequence for NM_010261 GTCCCCGGCTGGGGTGGGGCCGCCTAGGTGCTGCTGGGCTCCGGGCTATTTACAGCGTTCTATCCACTGC AGTGCAGACATGGCGGCCAGAAGGACCAGCAGAAGGATGCCGAAGGGGAAGGGCTGAGCGCCACGACCC TGCTGCCCAAGCTGATTCATCCGGCGCAGGCCGAGAGTGGCTGGAGCGCGCCGGGCGACCATCCGGCC CTGGGGCACCTTCGTGGACCAGCAACGTTTCTCGCAGCCCGCAATGTGGGAGAGCTTTGCCAGCGCCTG GTACGCAACGTGGAGTATTATCAAAGCAACTACGTGTTCTGTTTCTCGGCCTCATCCTGTACTGCTGG TGACATCTCCCATGCTGCTGGTGGCTCTGGCTGTCTTCTTTGGCGCCTGTTACATTCTCTATCTGCGCAC GTTGCAGTCTAAGCTTGTACTCTTTGGCCGGGAGGTGAGCCAGCACATCAGTATGCCCTGGCTGGTGGC GTCTCTTTCCCTTCTTCTGGCTGGCCGGTGGCTCTGCTGTCTTCTGGGTCTGGGAGCCACGCTGG TACTCATAGGCTCCACGCTGCCTTCCACCAGATGGAGCCTGCAGATGGCGAGGAGCTGCAGATGGAACC TGTGTAAGTGTCTCCAGGACCTGCCGGCCTCTCCTGCCGGCCGGCTGTCCCATCTCTGTCTGTTCTCG TCCTACCTGGCCTTGCTGCTCAGCTCCGAGCCTTCCACCTGAGGCCTCAAACCCAGGGAGGGGCTTTTGT CTTTGAAATAAAGCTGTTACAATTGCTAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_010261
Insert Size:	558 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).



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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: [BC008242](#), [AAH08242](#)

RefSeq Size: 818 bp

RefSeq ORF: 558 bp

Locus ID: 14470

UniProt ID: [Q9Z0S9](#)

Cytogenetics: 7 A3

Gene Summary: General Rab protein regulator required for vesicle formation from the Golgi complex. May control vesicle docking and fusion by mediating the action of Rab GTPases to the SNARE complexes. In addition it inhibits the removal of Rab GTPases from the membrane by GDI1 (By similarity).[UniProtKB/Swiss-Prot Function]