

Product datasheet for **RN207245**

Rab9a (NM_053458) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab9a (NM_053458) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab9a
Synonyms: Rab9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207245 representing NM_053458
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGGAAAATCGTCTCTTTTTAAAATAATTCTCCTTGGAGATGGTGGAGTTGGCAAGAGTTCTCTTA
 TGAACAGATATGTAGCCAATAAATTTGATCCCAGCTCTCCACACAATAGGTGTGAATTTTTAAATAA
 AGATTTGGAGGTGGATGGACATTTTGTACCATGCAGATTTGGGACACAGCTGGTCAAGAACGATCCGA
 AGCCTGAGGACACCATTTACCGAGTTCTGACTGTTGCCTGCTTACATTTAGTGTGATGATTCACAAA
 GCTTCCGAATCTGAGCAACTGGAAGAAAGAGTTCATATATTATGCAGATGTGAAAGAGCCTGAAAGCTT
 TCCTTTTGTGATTTGGCAACAAGACTGACATAAAAAGAACGGCAGGTATCTACAGAAGAAGCCCAAGCC
 TGGTGCAAGGACAACGGCGACTATCCTTACTTCGAAACAAGTGCAAAAGATTCCACCAATGTTGCTGCTG
 CCTTTGAGGAGGCAGTTCGAAGAATTCTGGCTACAGAAGATAGGTCAGATCACCTGATTCAAACAGACAC
 AGTCAATCTGCACCGAAAGCCCAAGCCAACTCTTCTTGCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053458
Insert Size: 606 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).



[View online »](#)

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_053458.1</u> , <u>NP_445910.1</u>
RefSeq Size:	1286 bp
RefSeq ORF:	606 bp
Locus ID:	84589
UniProt ID:	<u>Q99P75</u>
Cytogenetics:	Xq13
Gene Summary:	GTP-binding protein that may be involved in bone resorption [RGD, Feb 2006]