

Product datasheet for **RN203168**

Rab3d (NM_080580) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab3d (NM_080580) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab3d
Synonyms: MGC93243
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203168 representing NM_080580
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCATCCGCTAGTGAGCCCCCTGCCAGCCCACGGGACGCTGCCGACCAGAACCTTTGACTACATGTTCA
AACTGCTTTTGATCGGGAACAGCAGCGTAGGCAAGACCTCCTTCCTGTTCCGCTATGCCGATGACTCCTT
CACCCCGCCTTCGTGAGCACAGTGGGCATTGACTTCAAGGTCAAGACAGTCTACAGACATGACAAGAGG
ATCAAGCTGCAGATCTGGGACACAGCAGGCCAGGAGCGCTACCGACAATCACCACGGCCTACTACCGTG
GAGCCATGGGCTTCCTGCTGATGTATGACATCGCCAACCAGGAGTCCCTCACAGCTGTGCAGGACTGGGC
TACGCAGATTAACCTATTCTGGGACAACGCCAGGTCATCCTTGTGGGAACAAGTGTGACCTGGAG
GATGAACGGGTCGTATCTGCTGAGGATGGCCAGAGGCTCGCTGGTGATCTTGTTTTGAGTTCTTCGAGG
CCAGCGCAAGGAGAATCAACGTGAAGCAGGTGTTTCGAGCGCCTGGTGGATATCATCTGTGACAAGAT
GAATGAGTCCCTGGAACCCAGCTCCAGCCCAGGCAGCAATGGGAAAGGCCAGCCCTCGGGGATACCCCA
CCCCCTCAGCCGAGCAGCTGCGGCTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_080580
Insert Size: 660 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:	<u>NM_080580.2</u> , <u>NP_542147.1</u>
RefSeq Size:	2226 bp
RefSeq ORF:	660 bp
Locus ID:	140665
UniProt ID:	<u>Q63942</u>
Cytogenetics:	8q13
Gene Summary:	may regulate membrane fusion in Fc epsilonRI-stimulated mast cell exocytosis [RGD, Feb 2006]