

Product datasheet for **RN205288**

Rab6a (NM_053366) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab6a (NM_053366) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab6a
Synonyms: Rab6; Rab6b; RCO4-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205288 representing NM_053366
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCGCGGGCGGAGACTTCGGAATCCGCTGAGGAAATCAAGCTGGTGTTCCTAGGAGAGCAGAGCG
TTGGAAAGACATCCTTGATCACCAGATTCATGTATGATAGTTTTGACAACACCTATCAGGCAACAATTGG
CATTGACTTCTTATCAAAAACAATGTACTTGGAGGATCGAACCATCAGGCTGCAGCTGTGGGACTGCG
GGTCAGGAACGTTTCCGTAGCCTCATTCCAGTTACATCCGTGACTCTGCTGCAGCCGTAGTAGTTACG
ATATCACAAATGTTAACTCATTCCAGCAGACTACAAAATGGATTGATGATGTCAGAACAGAAAGAGGAAG
TGATGTCATCATGCTAGTAGGAAATAAACAGATCTTGCTGATAAGAGGCAAGTGTCAATTGAGGAG
GGAGAGAGGAAAGCCAAAGAGCTGAATGTTATGTTTATTGAAACCAAGTGCAAAAGCAGGATACAATGTAA
AGCAGCTTTTCCGGCGTGTGCTGACGCTTTACCTGGAATGGAAGCACACAGGACAGAAGCAGAGAAGA
CATGATTGACATAAACTGGAAGCCTCAGGAGCAGCCAGTCAATGAAGGTGGCTGTTCTCTGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053366
Insert Size: 627 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).



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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_053366.1</u> , <u>NP_445818.1</u>
RefSeq Size:	3380 bp
RefSeq ORF:	627 bp
Locus ID:	84379
Cytogenetics:	1q32
Gene Summary:	GTP binding protein that facilitates ATPase activity of N-ethylmaleimide-sensitive fusion protein (NSF) to signal vesicle fusion [RGD, Feb 2006]