

Product datasheet for **RN204894**

Rab38 (NM_145774) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab38 (NM_145774) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab38
Synonyms: R; Ruby
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204894 representing NM_145774
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGACACCGCACAAAGGAGCACCTGTATAAGCTGCTGGTAATCGGCGACCTAGGTGTAGGCAAGACCA
GCATCATCAAGCGCTACGTGCACCAAACTTCTCCTCCCACTACCGGGCCACCATTGGTGTGGACTTCGC
GCTGAAGGTGCTCCACTGGGACCCAGAGACGGTGGTGCCTGCAGCTCTGGGACATCGCAGGTCAAGAA
AGATTTGGTAACATGACAAGAGTCTATTACCGAGAAGCTATGGGAGCATTATTGTTTTTGTATGTCACCA
GACCAGCCACATTTGAAGCAGTGGCAAAATGGAAAAATGATTTGGACTCAAAGTTAACTCCTCCTAATGG
TAAGCCAGTATCAGTGGTTTTGTTGGCCAACAATGTGACCAAGGGAAGGATGTGCTTGTGAACAATGGA
CTCAAGATGGACCAGTTCTGCAAGGAGCATGGTTTCGTAGGATGGTTTGAACATCAGCCAAGGAAAATA
TAAACATTGATGAAGCGTCAAGATGCCTGGTCAAGCACATACTTGCAAATGAGTGCGACTTCATAGAGTC
TATAGAACCGGACATTGTGAAGCCCCACCTCACATCACCAAGGTTGTCAGCTGCTCTGGCTGTGCCAAA
TCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145774
Insert Size: 636 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_145774.2</u> , <u>NP_665717.1</u>
RefSeq Size:	1402 bp
RefSeq ORF:	636 bp
Locus ID:	252916
Cytogenetics:	1q32
Gene Summary:	a small G protein that is involved in intracellular vesicle transport [RGD, Feb 2006]