

Product datasheet for **RN202440**

Rab27a (NM_017317) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab27a (NM_017317) Rat Untagged Clone
Tag: Tag Free
Symbol: Rab27a
Synonyms: ram
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202440 representing NM_017317
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGTCGGATGGAGATTATGACTACCTCATCAAGTTTTTGGCCTTGGGAGACTCTGGAGTGGGGAAGACCA
GTGTACTGTACCAGTACACTGATGGGAAGTTCAACTCCAAATTCATCACCACAGTGGGCATTGATTTTCAG
GGAAAAGAGAGTGGTGTACAGAGCGAATGGACCAGATGGAAGTGTAGGCCGAGGCCAGAGAATTCACCTG
CAGTTATGGGACACGGCGGGGCAGGAGAGGTTTTCGTAGCCTGACCACGGCATTCTTCAGGACGCTATGG
GTTTCCTGCTTCTGTTTCGACCTGACAAAACGAGCAAAGTTTCTCAATGTCCGAAACTGGATAAGCCAGCT
ACAGATGCACGCGTACTGCGAAAACCCAGATATAGTGCTCTGCGGAAATAAGAGTGACCTAGAAGACCAG
AGGGCTGTGAAAGAGGAGGAAGCCAGGGAAGTTCGAGAGAAAGTATGGAATCCCCTATTTTGAACCCAGCG
CTGCCAATGGGACAAACATAAGCCAAGCAATTGAGATGCTCCTGGACCTGATCATGAAGCGGATGGAGCG
GTGTGTGGACAAATCCTGGATTCCAGAGGGGTGGTGCCTCAATGGCCATACTTCTACAGATCAACTC
AGTGAGGAGAAGGAGAAGGGTTATGCGGCTGT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_017317
Insert Size: 666 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_017317.2</u> , <u>NP_059013.1</u>
RefSeq Size:	2704 bp
RefSeq ORF:	666 bp
Locus ID:	50645
UniProt ID:	<u>P23640</u>
Cytogenetics:	8q24
Gene Summary:	a GTP-binding protein [RGD, Feb 2006]