

Product datasheet for **RN202047**

Rab4a (NM_013019) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab4a (NM_013019) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rab4a
Synonyms:	Rab4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202047 representing NM_013019 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGCAGACCGCCATGTCCGAGACTTACGATTTCTTGTTAAAGTTCTTGGTCATTGAAATGCGGGAA
CTGGCAAATCCTGCTTGCATCAGTTTCATTGAGAAGAAATTCAAAGATGACTCAAATCATACCATAGG
AGTGAATTCGGCTCAAAGATAATAAATGTTGGTAAATATGTGAAGTTACAGATATGGGACACGGCT
GGACAGGAGCGGTTCAAGTCTGTGACGAGAAGCTACTACAGAGGTGCGGCTGGGGCACTCCTCGTCTATG
ACATCACCAGCCGAGAACTACAATGCGCTTACTAATTGGTTAACAGATGCCAGAATGCTGGCGAGCCA
GAACATCGTCATCATTCTCTGCGGGAACAAGAAGACCTGGATGCCGACCGGGAAGTCACCTTCTTGAA
GCCTCCAGGTTCCACAAGAAATGAGCTCATGTTCTGAAACCAGTGCCTGACTGGCGAGAACGTCG
AAGAGGCTTTCATGCAGTGCGAAGGAAGATACTTAACAAAATTGAATCAGGTGAGCTGGACCCGAGAG
GATGGGCTCTGGTATCCAGTATGGAGACGCCGCTTGAGACAGCTACGGTCACCCGACGTACACAGGCT
CCAAGTGCACAGGAGTGTGGCT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1564_g03.zip
Restriction Sites:	SgfI-MluI
ACCN:	NM_013019
Insert Size:	657 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:	NM_013019.2 , NP_037151.2
RefSeq Size:	1445 bp
RefSeq ORF:	657 bp
Locus ID:	25532
UniProt ID:	P05714
Cytogenetics:	19q12
Gene Summary:	may play a role in intracellular recruitment of the glucose transporter GLUT4 [RGD, Feb 2006]