

Product datasheet for **RN202590**

Rab21 (NM_001004238) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab21 (NM_001004238) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rab21
Synonyms:	MGC94502
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202590 representing NM_001004238 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCGGCCGGCGGGGGCGGGCGGGCGGGCGGGCGGGCGAGCCTACTCTTTAAGGTGGTGCTGCTCG
GAGAAGGCTGCGTGGGGAAGACGTCGCTGGTGTGCGCTACTGCGAGAACAAGTTCAACGACAAGCACAT
CACCACCCTGCAGGCTTCTTTCTTAACAAAGAAGTAAATATTGGTGGGAAGAGAGTAAACCTTGCTATA
TGGGATACAGCCGGTCAAGAGAGATTCCATGCATTGGGTCCAATTTACTACCGAGATTGGAATGGAGCTA
TTTTAGTTTATGATGTAACAGATGAAGATTCTTTTCAGAAAGTAAAAACTGGGTCAAAGAATTACGGAA
AATGTTGGGAAATGAAATCTGTTTGTGTATAGTTGGTAATAAAAATAGACTTGGAAAAGGAGAGGCACGTC
TCCATTCAAGAAGCAGAATCGTATGCAGAGTCTGTGGGAGCAAAGCATTACCATACTTCTGCTAAACAAA
ACAAAGGCATTGAGGAACTCTTTCTTGACCTTTGTAAAAGGATGATAGAAACGGCCAGGTGGATGAGAG
GGCGAAGGGCAATGGCTCGAGTCAAGCAGGGGCTGCGAGGCGGGCGTGCAGATCATCGACGACGAACCT
CAAGCCCAGAGTGGCAGTGGAGGTGCTGTTCTTCTGGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001004238
Insert Size:	672 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_001004238.1</u> , <u>NP_001004238.1</u>
RefSeq Size:	1515 bp
RefSeq ORF:	672 bp
Locus ID:	299799
UniProt ID:	<u>Q6AXT5</u>
Cytogenetics:	7q22
Gene Summary:	human homolog may play a role in vesicle-mediated transport in polarized intestinal cells [RGD, Feb 2006]