

## Product datasheet for **RN206714**

### Rab4b (NM\_017355) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rab4b (NM_017355) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rab4b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206714 representing NM_017355 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCTGAGACCTACGACTTCCTCTTCAAATTCCTGGTGATTGGCAGTGCCGGAAGTGGCAAATCATGTC  
TCCTCCATCAGTTTATTGAGAATAAGTTCAAACAGGACTCAACCACACTATTGGCGTGGAGTTTGGATC  
CAGGGTTGTCAACGTTGGGGGAAGACTGTGAAGCTACAGATTTGGGATACTGCTGGCCAGGAGCGGTTT  
CGGTCGGTGACACGGAGTTATTACCGAGGGCAGCTGGAGCCCTGCTGGTGTATGACATACCAGCCGGG  
AGACATACAACTCGCTAGCTGCTTGGCTGACCGATGCCCGGACGCTGGCCAGCCCCAACATCGTGGTCAT  
CCTCTGTGGCAACAAGAAGGACCTGGATCCTGAGCGTGAGGTCACTTTCCTAGAGGCTTCCCGCTTTGCT  
CAGGAGAATGAGCTGATGTTCTGGAGACCAGCGCTCTCACGGGTGAAAACGTGGAAGAAGCTTTCCTGA  
AGTGCGCACGCACCATCCTCAACAAGATCGACTCAGGTGAACTAGATCCGGAGAGGATGGGCTCAGGCAT  
TCAGTATGGTGACATATCTTTCGCCAGCTGCGGCAGCCTCGCAGTGCCAGGCCGTGGCCCTCAGCCC  
TGTGGCTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_017355
Insert Size:	642 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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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_017355.1</a></u> , <u><a href="#">NP_059051.1</a></u>
<b>RefSeq Size:</b>	1130 bp
<b>RefSeq ORF:</b>	642 bp
<b>Locus ID:</b>	50866
<b>UniProt ID:</b>	<u><a href="#">P51146</a></u>
<b>Cytogenetics:</b>	1q21
<b>Gene Summary:</b>	may play a role in regulation of membrane trafficking [RGD, Feb 2006]