

## Product datasheet for RN202289

### Rab10 (NM\_017359) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rab10 (NM_017359) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rab10
Synonyms:	Ac1075
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202289 representing NM_017359 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGAAGAAGACGTACGACCTGCTTTTCAAGCTGCTCCTGATCGGGACTCGGGAGTGGCAAGACCT  
GCGTCCTTTTTTCGTTTTTCGGATGATGCCTTCAATACCACCTTTATTTCCACCATAGGAATAGACTTTAA  
GATCAAAACAGTGGAACTACAAGGAAAGAAGATCAAGCTACAGATATGGGACACAGCAGGCCAGGAACGA  
TTTCACACCATCACAACCTCCTACTACAGAGGAGCAATGGGCATCATGCTAGTGTATGACATCACCAACG  
GTAAAAGTTTTGAAAACATCAGCAAGTGGCTTAGAAAACATAGATGAGCATGCCAATGAAGATGTGGAAAG  
GATGTTACTAGGGAACAAGTGTGACATGGACGACAAGAGAGTTGTACCGAAAGGCAAAGGAGAGCAGATT  
GCAAGGGAGCATGGTATTAGGTTTTTGTAGACTAGTGCAAAGCAAATATAAACATCGAAAAGGCGTTCC  
TCACATTAGCTGAAGACATCCTCCGAAAGCCCTGTAAAAGAACCAACAGTGAACCGTAGATATCAG  
CAGTGGAGGAGGTGTGACGGGCTGGAAGAGCAAATGCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_017359
Insert Size:	603 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_017359.2</a></u> , <u><a href="#">NP_059055.2</a></u>
<b>RefSeq Size:</b>	2738 bp
<b>RefSeq ORF:</b>	603 bp
<b>Locus ID:</b>	50993
<b>Cytogenetics:</b>	6q14
<b>Gene Summary:</b>	may regulate neurotransmitter release [RGD, Feb 2006]