

## Product datasheet for **RR206842**

### Rab15 (NM\_198749) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Rab15 (NM\_198749) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Rab15  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR206842 representing NM\_198749  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGCGAAACAGTACGATGTGCTATTTTCGGCTACTGCTGATCGGGGACTCCGGGGTGGGCAAGACCTGCC  
 TGCTATGCCGCTTCACCGACAACGAGTTCCTCCTCGCATATCTCCACCATCGGTGTTGACTTTAAGAT  
 GAAAACCATCGAAGTAGACGGCATCAAAGTGAGGATACAGATTTGGACACAGCAGGGCAGGAGAGGTAC  
 CAGACTATCACAAAACAGTACTACCGGCGAGCCAGGGAATATTTTTAGTCTACGACATTAGCAGCGAGC  
 GCTCTTATCAGCACATCATGAAGTGGGTGAGTACGCTGGATGAGTACGCCCCAGAAGCGCTCCAGAAGAT  
 CCTCATCGGGAATAAGGCTGACGAAGAACGAAACGGCAGGTGGGGAGAGAGCAAGGGCAGCAGCTGGCT  
 AAGGAGTATGGCATGGACTTTTACGAAACAAGTGCCTGCACCAACCTTAACATTAAGAGTCCTTCACTC  
 GTCTGACCGAGCTGGTGTGCAGGCTCACAGGAAAGAGCTGGATGGTCTCCGAACATGTCCAGCAATGA  
 GCTCGCACTGGCCGAGCTGGAGGAAGACGAAGGCAAACTGAAGGCCAGCAAACCTTCAAGACCTGC  
 TGGTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206842 representing NM\_198749  
 Red=Cloning site Green=Tags(s)

MAKQYDVLFRLLLIGDSGVGKTCLLCRFTDNEFHSSHISTIGVDFKMKTIEVDGKIVRIQIWDTAGQERY  
 QTITKQYYRAQGIFLVYDISSERSYQHIMKWVSDVDEYAPEGVQKILIGNKADEEQKRQVGREQQQLA  
 KEYGMDFYETSACTNLNIKESFTRLTELVLQHRKELDGLRTCASNELALAELEEDEGKTEGPANSSKTC  
 WC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



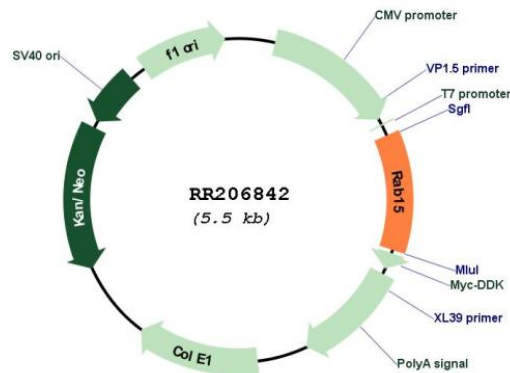
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_198749

ORF Size: 636 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<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_198749.2</a></u> , <u><a href="#">NP_942044.1</a></u>
<b>RefSeq Size:</b>	3415 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	299156
<b>UniProt ID:</b>	<u><a href="#">P35289</a></u>
<b>Cytogenetics:</b>	6q24
<b>MW:</b>	24.3 kDa
<b>Gene Summary:</b>	member of the RAS oncogene family; may regulate synaptic vesicle membrane flow for neurotransmitter release [RGD, Feb 2006]