

Product datasheet for **RR207094**

Rab11a (NM_031152) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab11a (NM_031152) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rab11a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207094 representing NM_031152
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCACCCGCGACGACGAGTACGACTACCTCTTTAAAGTTGTCCTTATTGGAGATTCTGGTGTGGGA
AGAGTAACCTCCTGTCTCGATTTACTCGGAATGAGTTAACTGGAAAGCAAGAGTACCATTGGAGTAGA
ATTTGCAACAAGAAGCATCCAGGTTGATGGGAAAACAATAAAGGCACAGATATGGGACACAGCAGGGCAG
GAGCGGTACAGGGCTATAACGCTGCATACATATCGTGGAGCAGTAGGTGCCTTATTGGTTTATGACATTG
CTAAGCATCTCACATATGAAAATGTAGAACGATGGCTGAAAGAAGTACGAGATCATGCTGATAGTAACAT
TGTTATCATGCTTGTGGCAATAAGAGTGATTTACGTCATCTCAGGGCAGTTCCTACAGATGAAGCAAGA
GCATTTGCAGAGAAGAATGGTTTTCGTTTCATTGAGACATCTGCTCTAGATTCTACAAATGTTGAAGCTG
CTTTTCAGACAATTCTAACAGAGATATACCGCATTGTTTCTCAGAAGCAAATGTCAGACAGACGTGAAAA
TGACATGTCTCCAAGCAACAATGTGGTTCTATTCATGTCCCACCACCCTGAGAACAAGCCAAAGGTG
CAGTGTGTCAGAACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR207094 representing NM_031152
Red=Cloning site Green=Tags(s)

MGTRDDEYDYLKVVLLIGDSGVGKSNLLSRFTRNEFNLESKSTIGVEFATRSIQVDGKTIKAQIWDTAGQ
ERYRAITSAYYRGAVGALLVYDIAKHLTYENVERWLKELRDHADSNIIVMLVGNKSDLRHLRAVPTDEAR
AFAEKNLSFIETSALDSTNVEAAFQITLTIYRIVSQKQMSDRRENDMSPSNNVPIHVPPPTTENPKV
QCCQNI

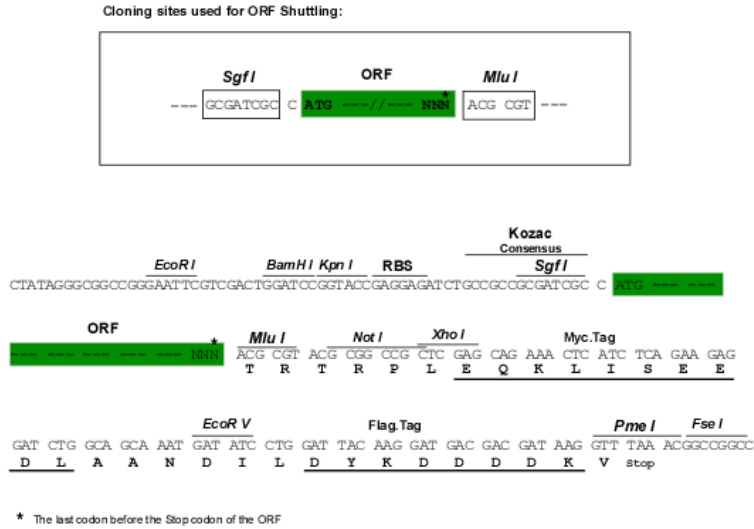
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



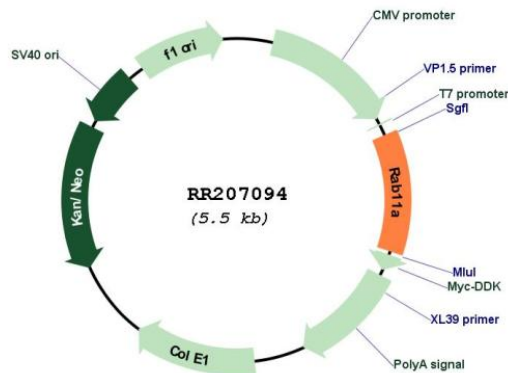
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_031152

ORF Size: 648 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.

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_031152.2</u> , <u>NP_112414.1</u>
RefSeq Size:	2291 bp
RefSeq ORF:	651 bp
Locus ID:	81830
UniProt ID:	<u>P62494</u>
Cytogenetics:	8q24
MW:	24.4 kDa
Gene Summary:	GTP-binding protein [RGD, Feb 2006]