

Product datasheet for **RR215151**

Rab11fip2 (NM_001107447) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab11fip2 (NM_001107447) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rab11fip2
Synonyms:	Rab11-FIP2; RGD1308538
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR215151 representing NM_001107447
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCTGTCTGAGCAAGCCAAAAGTGGTTTCCAACCCACGTGCAGGTCACAGTGCTCCAAGCTAAAG
 ATCTGAAGCCAAAAGGCCAAAAGTGGACCAATGACACATACACCATAATTCAGTTGGGCAAAGAGAAGTA
 TTCTACATCTGTAGCGGAGAAAACCTGGAGCCGGTCTGGAAGGAGGAGGCCTCTTTTGAGCTGCCTGGG
 TTGCTCATGCAGGGTAATCCGGAGAAAATACATTCTTTTCTTATAGTGATGCACAGGTCCTGGTGGGAC
 TGGATAAGTTTTAGGGCAGGTGGCAATCAATCTCAATGACATCTTTGAGGACAAACAAAGAAGGAAAAC
 AGAGTGGTTTAGATTAGAATCAAAACAAGGAAAAAGAATAAAAAACAGGGGTGAGATAAAGGTCAATATT
 CAATTTATGAGGAACAACATGACAGCAAGCATGTTTGACTTGCAATGAAGGACAAGACGAGATCACCTT
 TTGCAAAATTAAGATAAAGATGAAAGGCAGGAAAAGCGACGGGGTGTCTGATACGCTCTGCCAT
 CGTTCCGAGCACTCACATGCCTGATGCCAATCCTGAGTTTCAAGTGGTAAAATGCAGATGAAATCCAAA
 CCAAAAAAGCCTTTCTTCTGGGTCTCAGCGGCTCTCTTCTGCCATTGATGTCTGATTAACCTGGGT
 CCCACTTATCTTCTGAGAAGCTGAAGTCTAGCACTGTAGGCCAACACATCTTCTCAGTACCAGATAAA
 TTCTTTGGAGTTGTTCCAGAAAGTGAAGTCTCAAGTCTCCACACAGACGAACACTAAGCTTTGATACT
 TCTAAATTGAACCAACCTGGCAGCATTGTGGATGAAGGTGAACACTGTTTTGGAAGACAGAGTGACCCAT
 TTACAAATGTGACTGCTTATTACCCCAAAAATTTGCAACACTGCCAAGGAAGAAGAATCCATTTGAAGA
 AAGCAGTGAGCCATGGGACAGCAGCAGCAATTTATTTTCAAACCAATTGAAGTCAGGAAAGAAAGTAAG
 AGAGAGAAAAGGGAGAAGGTGAGCCTCTTTGAAAGAGTGACTGGGAAGAGAGATAGCAGGAGATCTGACA
 AGCTGAACAATGGGGGATCTGATAGCCCATGTGACTTGAATCACCTAGTGCTTTTAAATGAAAACCGGCA
 GGACTATTTTGAATATGAGTCAACCAACCCGTTTACAGCAAAATTCAGGGCTTCAACTATAATGCCATCT
 TCAAGTTTTCATATGAATCCAACAAGCAGTGATGACCTCAGGAAAATCCCGGATAGCAATCCCTCGATG
 CCACGGCTGGGTACCGGAGTCTGACCTACGAAGAGGTGCTGCAGGAGCTGGTGAAGCACAAAGAACTCCT
 TCGGAGGAAGGACACCCACATCCGGGAGCTAGAGGACTACATCGACAACCTCCTTGTGAGGGTGTGGAA
 GAGACACCAGCATCTGCGAGTGCCCTATGAGCCATCCAGGAAAGCTGGCAAGTTTACCAATAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR215151 representing NM_001107447
 Red=Cloning site Green=Tags(s)

MMLSEQAQKWFPTHVQVTVLQAKDLKPKGKSGTNDTYTIIQLGKEKYSTSVAEKTLEPVWKEEASFELPG
 LLMQGNPEKYILFLIVMHRSLVGLDKFLGQVAINLNDIFEDKQRRKTEWFRLESKQGKRIKNRGEIKVNI
 QFMRNMTASMFDSLMDKTRSPFAKLKDKMKGRKSDGVFSDTSSAIVPSTHMPDANPEFSSGEMQMKSK
 PKKPFLLLGPQRLSSAHSMSDLTGSLSSEKLSSTVGPHTLLSHQINSFGVVPESGSLKSPHRRTLSDFT
 SKLNQPGSIVDEGEHCFGRQSDPFTNVTASLPQKFATLPRKKNPFEESEPWDSSTNLFKSKPIEVRKESK
 REKREKVSLEFVGTGKRDSRRDKLNNGSDSPCDLKSPSAFNENRQDYFEYESTNPFTAKFRASTIMPS
 SSFHMNPTSSDDLRIKIPDSNPFDATAGYRSLTYEEVLQELVKHKELLRRKDTHIRELEDYIDNLLVRVME
 ETPSILRVPEPSRKAGKFTNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

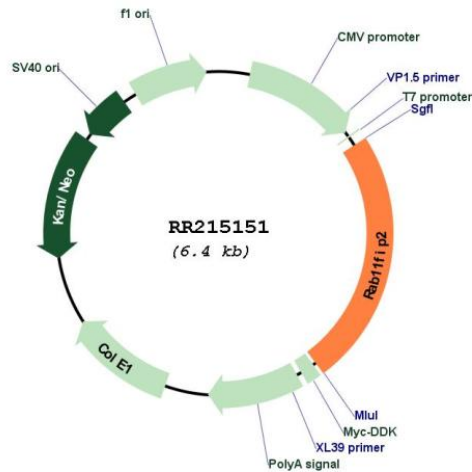
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001107447

ORF Size: 1536 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:

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: [NM_001107447.2](#), [NP_001100917.2](#)

RefSeq Size: 1564 bp

RefSeq ORF: 1539 bp

Locus ID: 308003

Cytogenetics: 1q55

MW: 58.2 kDa