

Product datasheet for **RR201851**

Ric3 (NM_001115045) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ric3 (NM_001115045) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ric3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201851 representing NM_001115045
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGTACTCCACAGTACAGAGAGTGGCCTCTGGGCTCGTCTGGCCGTGTCGCTGCTGCTGC
CCAAGGCCTTCTGTCCCGCGGAAGCGCCAGAGCCGCCACCGGCCCGGAAGGAAAATGGGCCGCTT
TCCACCTATGATGCATCACCACACGGCACCCCTCAGATGGTCAGACACCAGGGGCTCATTCCAGAGGCT
CATCTTGCAGAGGCCTTTGCAAAGGCCAAGGGAGCAGGAGGCGGTGCTGGAGGAGGGGTAGTGGACGAG
GACTGATGGGCCAGATCATTCCAATCTATGGCTTCGGGATTTTTTTGTACATCCTGTACATTTTTGTTAA
GCTTTCAAAGGGGAAAAGTGCAGAGGACCGAACTGCTCCACTGCCCCACCCGAAAACCCACCGGAAG
ATCACCACTTTGAGCTTGTTCAACTACAAGAAAACTAAAAGAGACAGAGGAAGCCATGGAAAAATTA
TCAACAGAGTGGGACCTAATGGTGAGAGCAGAGCACAGACTGTGACTTCTGACCAAGAGAAACGATTACT
GCATCAGCTCCGAGAAATCACCAGATCATGAAAGAAGGCAAGTTCATTGACACATCTCCAGAGAAGGAA
GCTGAGGAAGCCCGTACATGGAGGACTGGGAAGTTACCCAGAAGAGACTTATCCAATATATGACCTTT
CGGATGGTATCAAGCGTAGGCAAGAACTATCCTGGTGGATTACCCAGATCCAAAAGAGCCCTCTGCTGA
AGAAACAGCTGAACAAATGGGAGCGTTAGACGAGGAGAGCTCAGAGCACTTGAGCTGGGATCGTCTGCC
ACTGACCCCGGAGTCCAGAGAGATAATTCTGTGACCCCTGTGTGACCCAAACCCGAATCATGCTCCTGCT
GTTTTCATGAAGACGAGGACCCTGCTGTCTTGGCAGAGAATGCTGGTTTCAGTGCAGATGGCTACAGTGA
GCAAGAGGAAGCCACCAAGGAAAAGTGGCCCAAGACTTTACAGACGAAGGGCTGGGACCAGCACTGAT
AACACACATGTGGGCGGCATGTTGAGGAAGCGCAGCCCCAGGGTTTTGAG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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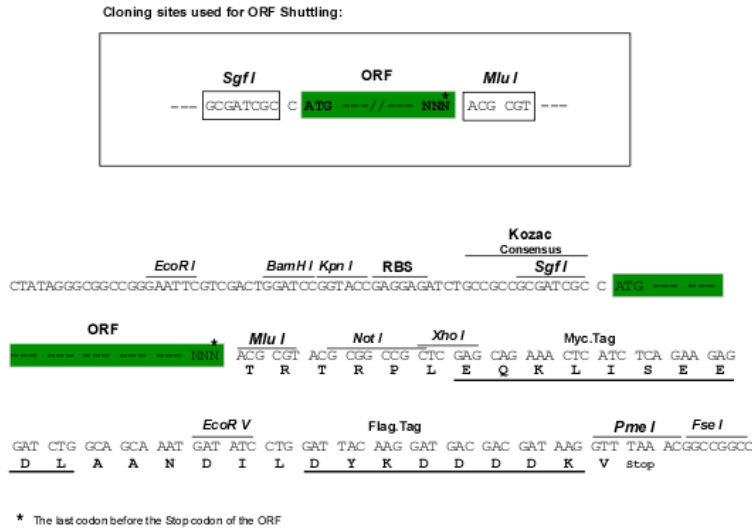
Protein Sequence: >RR201851 representing NM_001115045
 Red=Cloning site Green=Tags(s)

MAYSTVQRVALASGLVLAVSLLLKPAFLSRGKRPEPPPPEGKLRFPMMHHHTAPSDGQTPGAHFQRS
 HLAEAF AKAKGAGGGGSGRGLMGQIIPYIGFGIFLYILYILFKLSKGKTAEDRNCSTAPPGNTHRK
 ITNFELVQLQEKLKETEAMEKLINRVGPNGESRAQTVDSDQEKRLHQLREITRMVKEGKFIDTSPEKE
 AEEAPYMEDWEGYPEETYPIYDLSDGIKRRQETILVDYDPKPEPSAEETAEQMGALDEESSEHLSWDRLP
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 NTHVGGMLRKRSPQGF

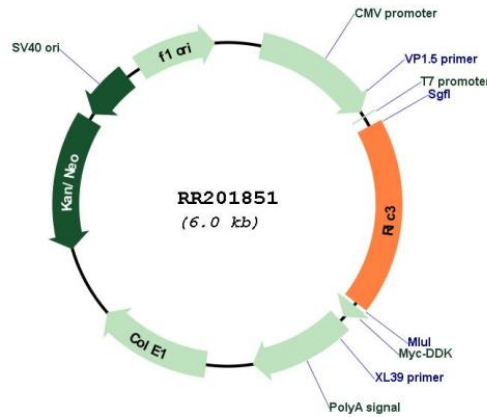
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001115045

ORF Size:	1101 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:	NM_001115045.3 , NP_001108517.1
RefSeq Size:	3953 bp
RefSeq ORF:	1104 bp
Locus ID:	687147
Cytogenetics:	1q33
MW:	40.4 kDa