

Product datasheet for **RR201437**

Krr1 (NM_001108094) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krr1 (NM_001108094) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Krr1
Synonyms: Hrb2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201437 representing NM_001108094
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACTTCTGTAGACAGCCTGCCAAAGAAGCTCGAAAAAGTGACTCTCGGCAGCAGAAACAGAAGC
GTGAGAACCAAGATGAGGGAGAGCTCCTACTGTACCTGATGGTTGGAAGGAACAGCTTTTTCAAAGA
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CTGAAGGAGTGGCCGTTGGTCCAGAAAGCCCTGAATGAACATCATGTTAAAGCAACGCTGGACTTGA
TTGAAGGTAGCATGACTGTTTGTACAACAAGAAGACTTTTGACCCTTACATCATCATTAGGGCCCGAGA
CCTAATAAAGCTCTTAGCAAGGAGCGTCTCTTTTGAACAGGCAATACGGATACTTCAGGATGATGTCGCA
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TTGGTCCCAAAGGATCGACATTGAAGGCTTTGAACTCCTGACAACTGTTACGTTATGGTTCAGGGGAA
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GATCGCAAAGTTGGAAAGATTTTGGCACAGTTCAAGCACAAAAATGTGAATAAGCGCAAGGAACCGAA
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AACAAAGCAGAAGCTCTTACAAAGAGGCAGGAAGAACAAGCAAAAGCATTATTCCACCTAAGGAAAAGCC
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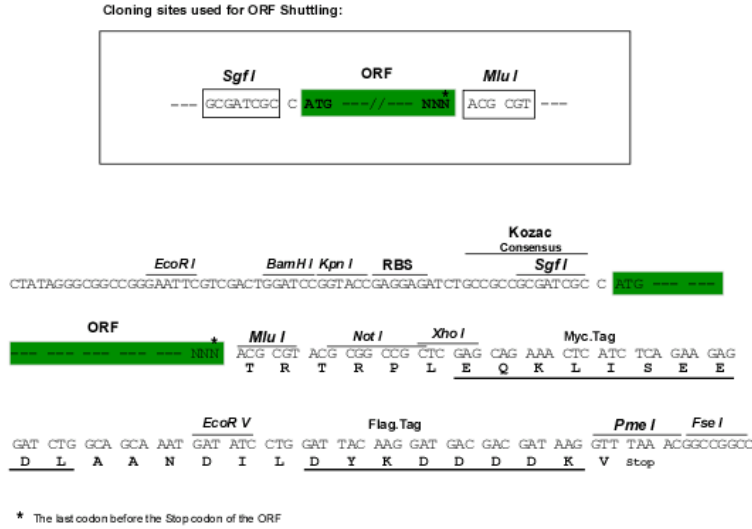
Protein Sequence: >RR201437 representing NM_001108094
 Red=Cloning site Green=Tags(s)

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 LKECWPLVQKALNEHHVKATLDLIEGSM TVCTTKTFDPYIIIRARDLIKLLARSVSFEQAIRILQDDVA
 CDIIKIGSLVRNKERFVRRRQRLIGPKGSTLKALELLTNCYVMVQGN TVSAIGPFSGLKEVRKVLDTMK
 NIHPIYNIKTLMIKRELAKDSELR SQSWERFLPQFKHKNVNRKKEPKKKS VKKEYTPFP PPSQVDKE
 LASGEYFLKANQKKRQKMEAIKAKQAEALTKRQEERNKAFIPPKKPAVKPKPEASTETKIDVAAIKEKVK
 KAKAKKL GALTAEEVKLM EVDQKKQKRKR SRREK

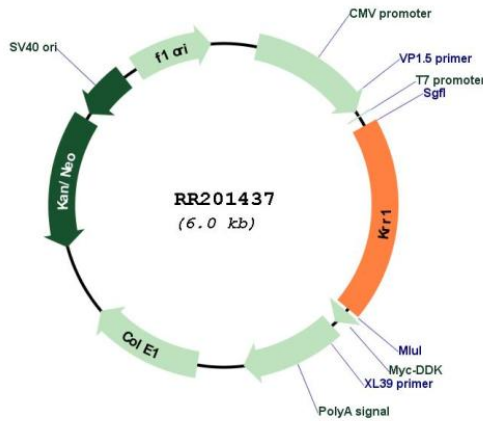
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108094

ORF Size:	1140 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 Size:	1691 bp
RefSeq ORF:	1143 bp
Locus ID:	314830
Cytogenetics:	7q22
MW:	43.6 kDa