

Product datasheet for RR201929

Crk (NM_019302) Rat Tagged ORF Clone

Product data:

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|--------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Crk (NM_019302) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Crk |
| Synonyms: | CrkII; Crko |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR201929 representing NM_019302 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGGCAACTTCGACTCGGAGGAGCGGAGTAGCTGGTACTGGGGCCGCTTGAGCCGGCAGGAGGCGG
TGGCGCTATTGCAGGGCCAGCGGCACGGGGTTTCTGGTGGGACTCGAGCACCAGCCCCGGGACTA
TGTGCTCAGCGTCTCCGAAAACCGCGCTCTCCACTACATCATCAACAGCAGCGGCCCGCCCTCCA
GTGCTCCGTCGCCCCGCTCAGCCTCCGCCGGGAGTGAGTCCCTCCAGGCTCCGAATAGGAGATCAAGAAT
TTGATTCAATGCCTGCTTACTGGAATTCTACAAAATACACTATTTGGACTACAACTGATAGAACC
AGTTTCCAGATCAAGGCAGGGTAGTGGAGTGATTCTCAGGCAGGAGGAGGCAGAGTATGTGCGGGCCCTC
TTTGACTTTAATGGGAATGATGAAGAAGATCTTCCCTTAAAGAAAGGAGACATCTGAGAATCCGGGATA
AGCCTGAAGAGCAGTGGTGAATGCAGAGGACAGCGAAGGAAAGAGGGGGATGATTCTGTCCCTTACGT
GGAGAAGTATAGACCCGCTCCGCTCAGTATCGGCTCTGATTGGAGGTAACCAGGAGGGTTCCACCCA
CAGCCACTGGGTGGGCCGAGCCTGGGCCCTATGCCAACCCAGCGTCAACTCCGCTCCCTAACCTCC
AGAATGGGCCCATTTATGCCAGGGTTATCCAGAAGCGAGTCCCTAATGCCTACGACAAGACAGCCTTGGC
TTTGGAGTCCGTGAGCTGGTAAAGGTTACGAAGATTAATGTGAGTGGTCAGTGGGAAGGGGAGTGAAT
GGCAAACGAGGTCACTTCCATTACACATGTCCGTCTGCTGGATCAACAGAATCCCGAGGAGGACTTCA
GCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR201929 representing NM_019302
Red=Cloning site Green=Tags(s)

MAGNFDSEERSSWYWGRLSRQEAVALLQGQRHGVLVRDSTSPGDYVLSVSENSRVSHYIINSSGPRPP
 VPPSPAQPPPGVSPSRLRIGDQEFDSLPALEFYKIHLYDTTTTLIEPVSRSRQSGVILRQEEAEYVRAL
 FDFNGNDEEDLPFKKGDILRIRDKPEEQWNAEDSEGKRMIPVPYVEKYRPASASVSALIGGNQEGSHP
 QPLGGPEPGPYAQPSVNTPLPNLQNGPIYARVIQKRVPNAYDKTALALEVGELVKVTKINVSGQWEGECN
 GKRGHFPTHVRLLDQQNPEEDFS

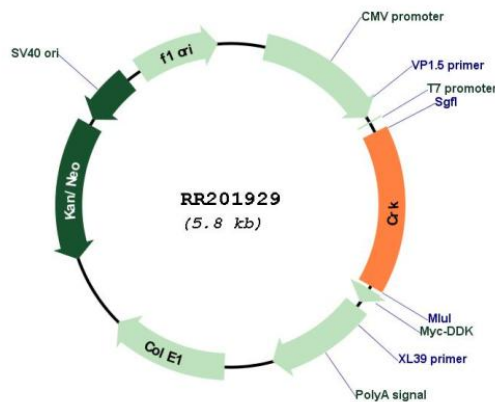
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019302

ORF Size: 912 bp

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| 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_019302.1 , NP_062175.1 |
| RefSeq Size: | 1080 bp |
| RefSeq ORF: | 915 bp |
| Locus ID: | 54245 |
| UniProt ID: | Q63768 |
| Cytogenetics: | 10q24 |
| MW: | 33.8 kDa |
| Gene Summary: | adaptor protein that interacts with tyrosine-phosphorylated proteins to transduce cellular signals in multiple pathways [RGD, Feb 2006] |