

Product datasheet for **RR214888**

Crkl (NM_001008284) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crkl (NM_001008284) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crkl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214888 representing NM_001008284 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCCTCGCCAGGTTTGATTCTTCAGACCGTTCTGCCTGGTACATGGGGCCAGTGTCTGCCAGGAGG
CGCAGACCCGTCTCCAGGGCCAGCGCCATGGCATGTTCTAGTCCGGGACTCATCTACCTGCCCTGGGGA
CTATGTACTGTCCGTGTCCGAGAACTCGCGTGTCTCGCACTACATCAACTCCCTGCCAACCCGCCG
TTTAAGATCGGGGACCAGGAGTTTGACCAATTTGCCGGCCTTGCTGGAGTTCTACAAGATCCACTACCTGG
ATACTACCACCTTAATCGAACCAGCGCCAGGTACCCCAACCCACCAATGGGTTCTGTCTCAGCACCCAA
CTTATCTACAGCAGAAGAAAATCTGGAATATGTACGGACTCTGTATGATTTTCTGGGAATGATGCTGAA
GACCTACCCTTTAAAAAGGGTGAGCTTCTAGTGATAATAGAAAAGCCTGAAGAACAGTGGTGGAGTGCC
GCAACAAGGACGGCCGGTTGGGATGATCCTGTCCCTTACGTTGAAAAGCTTGTGAGGTCCTCACCACA
TGGAAAGCATGGAATAGGAATTCTAACAGTTATGGCATCCAGAACCTGCTCACGCATATGCTCAACCT
CAGACCACAACCTCTACCTACAGTTGCCAGTACTCCTGGGGCAGCGATCAACCCTTGGCCATCCACAC
AGAATGGACCTGTCTTTGCAAAAGCAATCCAGAAGAGAGTACCTTGTGCTTATGACAAGACTGCCTTGGC
ATTGGAGTTGGTACATTGTGAAAGTCAAGGATGAATATCAATGGCCAGTGGGAAGGCGAGGTGAAT
GGGCGCAAGGGCTTTTCCCCTTACACATGTTAAAATCTTTGACCTCAGAACCCCGATGATAACGAG

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ACAAGGATGACGACGATAAGGTTTAA



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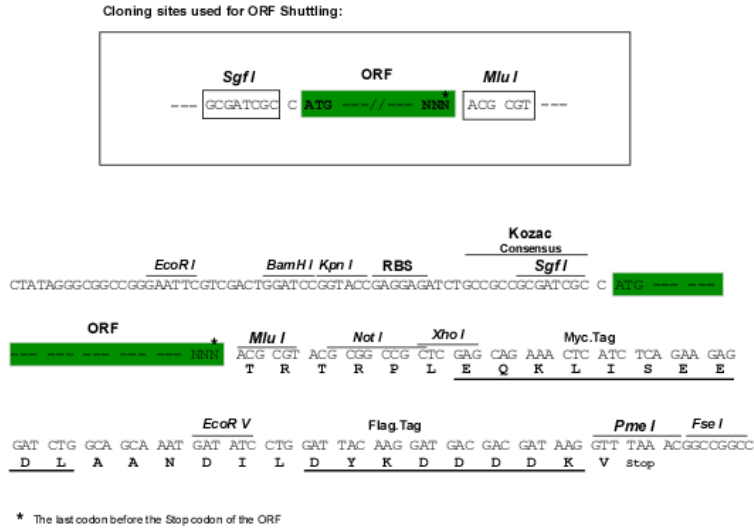
Protein Sequence: >RR214888 representing NM_001008284
Red=Cloning site Green=Tags(s)

MSSARFDSSDRSAWMPVSRQEAQTRLQGQRHGMFLVRDSSSTCPGDYVLSVSENSRVSHYIINSLPNRR
 FKIGDQEFDHLPALLEFYKIHLYLDTTLLIEPAPRYPNPPMGSVSAPNLSTAEENLEYVRTLYDFPGNDAE
 DLPFKKGELLVIEKPEEQWWSARNKDRVGMIPVYVEKLVRSPPHGKHGHRNSNSYGIPEPAHAYAQP
 QTTTPLPTVASTPGAAINPLPSTQNGPVFAKAIQKRVPCAYDKTALALEVGDIVKIVTRMNINGQWEGEVN
 GRKGLFPFTHVKIFDQPDPDDNE

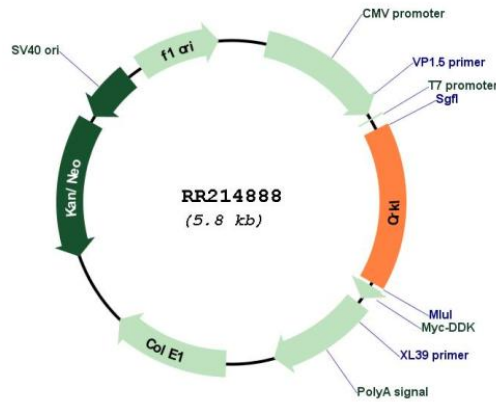
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001008284

ORF Size:	909 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_001008284.1 , NP_001008285.1
RefSeq Size:	2803 bp
RefSeq ORF:	912 bp
Locus ID:	287942
UniProt ID:	Q5U2U2
Cytogenetics:	11q23
MW:	33.9 kDa
Gene Summary:	May mediate the transduction of intracellular signals.[UniProtKB/Swiss-Prot Function]