

Product datasheet for RR216682

Crlf3 (NM_001168612) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crlf3 (NM_001168612) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crlf3
Synonyms:	Cytor4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216682 representing NM_001168612 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGGGCGGATGGAGCCGGAGCCCGAGGTGCTGCTGCAGGAAGCCCGGAGAACCTGGAGGCGGGC
AGAGCTACCGCGGGAGCTAGGCCAGCGGCTGCAGGGGCTGCGGGAGGCGCAGAGGCAGATAAAGGAGAG
TGCTTCACAGACAAGAGATGTCCCTCAAACAGCACTTTAGTGATTTAAAAGGAACCTTGGGAAGCTACTG
GATGAGCGATTGGTGACCCTTTTGAAGAGGTGGATACCAATTGAACAGGAGACCATCAAACCACTAGACC
ACTGCCAGAAGCTCATAGAGCACGGGTCAACTGCAGATGACCTGGTCCGAGAAGGTGAGACTGCCAT
TCTTGGTGGTATTGAAGAACAGAATGATAAATTATGGAACCTTACCAAAAAGGCCTCACACATTCAGTTG
GACAGCTTACCAGAAGTGCCTTTGCTGGTTGATGTGCCCTGTTTGTCCGCTCAGTTGGACGATCCATTC
TTAACATAGTGAAGACCACATTTTTAAGCATGGAGCAGTAGCTTCCCGCCACCAGTACAGATTGAAGA
ATTAGTAGAGAAACCTGGAGGTATCGTAGTGCGATGGTGAAGGTGGATGATGACTTCACAGCCCAAGAT
TACAGGCTCAGTCCGTAATGTCTGCAAATCCTTTGAAGACGTGTATGTAGTTCTGAAACGGAAT
TCATAGTGTGCACATAGACCCCATGTGCATTATCAGTTCAGAGTCTGCCCGGAGGAGACGGCCGCA
GGAGTGGAGTCTTGGAGTGTCCCGAGACAGGTCACACTCCACTGGTGCCTCATGAGTGGACAACCTGGC
TTCGAGGGGTACAGTCTGAGCAGTCGCAGGAATATAGCCCTCCGGAATGATGCAGAGTCCGCCGGCGTTC
TCTACTCCAGCGCTCAAACCTACTTCTGTGGACAGACGCTGACATTCAGAGTTGAAACCGTGGGACAGCC
AGACAGAAGAGACAGTATAGGAGTATGTGCAGAAAAGCAGAATGGCTATGAATCTCTCAGCGGGACCAA
GCCGTGTGCATCAGCACGAACGGTGCAGTCTTTGTCAATGGGAAAGAAATGACCAATCAGTTGCCTGCGG
TTACCTCTGGCTCCACTGTCACGTTTGACATCGAAGCTGTGACTCTAGGACCTTGAACAACAATGAAGG
TGGGAACGTCAAGCTCCGGGTGACCATCAGCTCCAGTAACCGGGAGGTGGTGTGACTGGCTGCTGGAG
CAGTCTGTGGCTCTCTACTCTCGGATGCTCATTTTTCTACCCGGATGAAAGTCTGGTATTT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR216682 representing NM_001168612
Red=Cloning site Green=Tags(s)

MKGAMEPEPEVLLQEARENVEAAQSYRRELQRLQGLREARQRIKESASQTRDVLKQHFSDLKGTGKLL
 DERLVTLLQEVDTEIETIKPLDDCQKLEIHGVNTADDLVREGETAILGGIEEQNDKLNWFTKKASHIQL
 DSLPEVPLLVDVPCLSAQLDDSI LNIVKDHIFKHGAVASRPPVQIEELVEKPGGIVVRWCKVDDDFTAQD
 YRLQFRKCPANPFEDVYVGSETEFIVLHIDPHVDYQFVRCARGDGRQEWSPWSVPQTGHSTLVPHEWTTG
 FEGYSLSSRRNIALRNDAESAGLVYSSAPTYFCGQTLTFRVETVGQPDRRDSIGVCAEKQNGYESLQRDQ
 AVCISTNGAVFVNGKEMTNQLPAVTSGSTVTFDIEAVTLGPCNNNEGGNVKLRVTISSSNREVVFDWLL
 QSCGSLYFGCSFFYPGWKVLVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

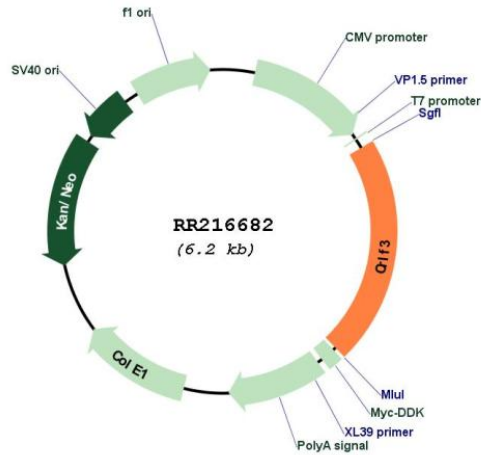
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001168612

ORF Size:	1326 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_001168612.1 , NP_001162083.1
RefSeq Size:	1584 bp
RefSeq ORF:	1329 bp
Locus ID:	54395
Cytogenetics:	10q25
MW:	49.5 kDa