

Product datasheet for **MR217831**

Crlf3 (NM_018776) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crlf3 (NM_018776) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crlf3
Synonyms:	BB164954; Creme; Creme9; cyto; Cytor4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR217831 representing NM_018776
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGGCGCGATGGAGCCGGAGCCCGAGGTGCTGCTTCAGGAAGCCCGGAGAACGTGGAGGCGGCGC
 AGAGCTACCGGGCGGAGCTGGGCCAGCGCTGCAGGGGCTGCGGGAGGCGCAGAGGCAGATAAAGGAGAG
 TGCTTCACAGACAAGAGATGTCCTCAAACAGCATTTTAGTGATTTAAAAGGAACCCTTGGGAAGCTATTG
 GATGAGCGATTGGTGACCCTTTTGAAGAGGTGGACACCATTGAACAGGAGACCATAAACCACTAGATG
 ACTGCCAGAACTCATAGAGCATGGGGTCAACACTGCAGATGACCTGGTCCGAGAAGGTGAGATTGCCAT
 TCTTGGTGGTATCGAAGAAGAGAGTGATAAACTGTGGAACCTTACCAAAAAGGCCTCACACATTCAGCTG
 GACAGCTTACCAGAAGTGCCTTGTAGTTGATGTACCCTGTTTGTGGCTCAGTTGGACGATTCCATTC
 TTAACATAGTAAAGACCACATTTTAAGCATGGAACAGTAGCTTCCCGCCACCAGTACAGATTGAAGA
 ATTAATAGAGAACTGGAGGCATCATAGTGCGATGGTGAAGGTGGATGATGACTTCACAGCCCAAGAT
 TACAGGCTTCAGTTCCGCAAATGTACTGCAATCATTTTGAAGACGTGTATGTAGTTCTGAAACGGAGT
 TCATAGTGTGCACATAGACCCCAATGTAGATTATCAATTCAGAGTCTGCGCCCGAGGAGACGGCAGGCA
 GGAATGGAGTCCCTGGAGTGTTCAGACAGGCCACTCCACACTGGTGCCTCATGAGTGGACAACCTGGC
 TTTGAGGGATACAGTCTGAGCAGTCGAAGAAATATAGCCCTCCGGAATGATGCCGAGTCTCGGGTGTT
 TCTACTCCAGCGCTCAAACCTACTTCTGTGGGCAGACGCTGACATTCAGAGTTGAAACTGTGGGACAGCC
 AGACCGAAGAGACAGTATAGGAGTATGTGCAGAAAGGCAGAATGGCTACGAATCTCTGCAGCGGGACCAA
 GCCGTGTGCATCAGCACGAATGGTGCAGTCTTTGTCAATGGAAAAGAAATGACCAATCAGTTGCCTGCAG
 TTACCTCTGGCTCCACTGTCACATTTGATATCGAAGCTGTGACTCTAGGAACTTCTAACAGCCATGAAGG
 TGGGAACGCCAAGCTCCGAGTGACCATCAGTCCAATAACCGGGAGGTGGTGTGTTGACTGGCTGCTCGAG
 CAGGCCTGTGGCCCTCTTACTTCGGATGCTCGTTTTTCTACCCTGGATGGAAGTCTGGTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217831 representing NM_018776
 Red=Cloning site Green=Tags(s)

MKGAMEPEPEVLLQEARENVEAAQSYRRELQRLQGLREARQRIKESASQTRDVLKQHFSDLKGLKLL
 DERLVTLLQEVDTIEQETIKPLDDCQKLEIHEGVNTADDLVREGEIAILGGIEEESDKLWNFTKKASHIQL
 DSLPEVPLLVDVPCLSAQLDDSILNIVKDHIFKHGTVASRPPVQIEELIEKPGGIIVRWCKVDDDFTAQD
 YRLQFRKCTANHFEDVYVGSETEFIVLHIDPNVDYQFRVCARGDGRQEWSPWSPVQTHSTLVPHEWTTG
 FEGYLSRRRNIALRNDAESSGLVYSSAPTYFCGQTLTFRVETVGPDRRDSIGVCAERQNGYESLQRDQ
 AVCI STNGAVFVNGKEMTNQLPAVTSGSTVTFDIEAVTLGTSNSHEGGNAKLRVTISSNNREVVFVDFWLL
 QACGPLYFGCSFFYPGWKVLVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9076_g09.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_018776

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:

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_018776.2](#), [NP_061246.1](#)

RefSeq Size: 2396 bp

RefSeq ORF: 1329 bp

Locus ID: 54394

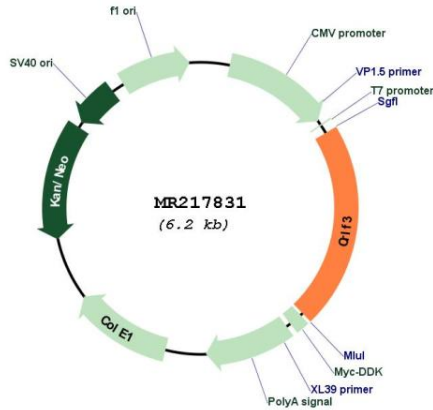
UniProt ID: [Q9Z2L7](#)

Cytogenetics: 11 47.43 cM

MW: 49.6 kDa

Gene Summary: This gene encodes a cytokine receptor-like factor that contains a fibronectin type 3 domain. The encoded protein may act as a negative regulator of the cell cycle. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]

Product images:



Circular map for MR217831