

Product datasheet for **MG217831**

Crlf3 (NM_018776) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crlf3 (NM_018776) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Crlf3
Synonyms: BB164954; Creme; Creme9; cyto; Cytora4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG217831 representing NM_018776
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGGGCGCGATGGAGCCGGAGCCCGAGGTGCTGCTTCAGGAAGCCCGCAGAAACGTGGAGGGCGCGC
 AGAGCTACCGCGGGAGCTGGGCCAGCGGCTGCAGGGCTGCGGGAGGCGCAGAGGCAGATAAAGGAGAG
 TGCTTCACAGACAAGAGATGTCTCAAACAGCATTTTAGTGATTTAAAAGGAACCTTGGGAAGCTATTG
 GATGAGCGATTGGTGACCCTTTGCAAGAGGTGGACACCATTGAACAGGAGACCATCAAACCACTAGATG
 ACTGCCAGAACTCATAGAGCATGGGGTCAACTGCAGATGACCTGGTCCGAGAAGGTGAGATTGCCAT
 TCTTGGTGGTATCGAAGAAGAGAGTGATAAACTGTGGAACCTTACCAAAAAGGCCCTCACACATTCAGCTG
 GACAGCTTACCAGAAGTGCCCTTGTAGTTGATGTACCCTGTTTGTGGCTCAGTTGGACGATTCATTC
 TTAACATAGTAAAGACCACATTTTTAAGCATGGAACAGTAGCTTCCCGCCACCAGTACAGATTGAAGA
 ATTAATAGAGAAACCTGGAGGCATCATAGTGCGATGGTGTAAAGGTGGATGATGACTTCACAGCCCAAGAT
 TACAGGCTTCAGTTCGCAAAATGTACTGCAATCATTTGAAGACGTGTATGTAGTTCTGAAACGGAGT
 TCATAGTGTGCACATAGACCCCAATGTAGATTATCAATTCAGAGTCTGCGCCCGAGGAGACGGCAGGCA
 GGAATGGAGTCTTGGAGTGTCCCCAGACAGGCCACTCCACACTGGTGCCTCATGAGTGGACAACCTGCC
 TTTGAGGGATACAGTCTGAGCAGTCAAGAAATATAGCCCTCCGGAATGATGCCGAGTCTCGGGTGTTC
 TCTACTCCAGCGCTCCAACCTACTTCTGTGGGCAGACGCTGACATTCAGAGTTGAAACTGTGGGACAGCC
 AGACCGAAGAGACAGTATAGGAGTATGTGCAGAAAGGCAGAAATGGCTACGAATCTCTGCAGCGGGACCAA
 GCCGTGTGCATCAGCACGAATGGTGCAGTCTTTGTCAATGAAAAAGAAATGACCAATCAGTTGCCTGCAG
 TTACCTCTGGCTCCACTGTACATTTGATATCGAAGCTGTGACTCTAGGAACTTCTAACAGCCATGAAGG
 TGGGAACGCCAAGCTCCGAGTGACCATCAGCTCCAATAACCGGGAGGTGGTGTGTTGACTGGCTGCTCGAG
 CAGGCTGTGGCCCTCTTACTTCGGATGCTCGTTTTTCTACCCTGGATGGAAAGTCTGGTATTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG217831 representing NM_018776
Red=Cloning site Green=Tags(s)

MKGAMEPEPEVLLQEARENVEAAQSYRRELQRLQGLREAQRQIKESASQTRDVLKQHFSDLKGTGLKLL
 DERLVTLLQEVDITIEQETIKPLDDCQKLIEHGVNTADDLVREGEIAILGGIEEESDKLWNFTKKASHIQL
 DSLPEVPLLVDPCLSAQLDDSI LNIVKDHI FKHGTVASRPPVQIEELIEKPGGIIVRWCKVDDDFTAQD
 YRLQFRKCTANHFEDVYVGSSETEFIVLHIDPNVDYQFRVCARGDGRQEWSPWSVPQTGHSTLVPHEWTTG
 FEGYSLSSRRNIALRNDAESSGLVYSSAPTYFCGQTLTFRVETVGQPDRRDSIGVCAERQNGYESLQRDQ
 AVCISTNGAVFVNGKEMTNQLPAVTSGSTVTFDIEAVTLGTSNSHEGGNAKL RVTISSNNREVVFDWLL E
 QACGPLYFGCSFFYPGWKVLVF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

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: 2365 bp

RefSeq ORF: 1329 bp

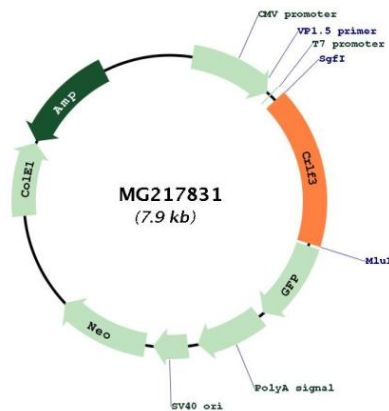
Locus ID: 54394

UniProt ID: [Q9Z2L7](#)

Cytogenetics: 11 47.43 cM

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 MG217831