

## Product datasheet for **RG204326**

### **CRLF3 (NM\_015986) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CRLF3 (NM_015986) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CRLF3
Synonyms:	CREME-9; CREME9; CRLM9; CYTOR4; FRWS; p48.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204326 representing NM_015986 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGGGGCGATGGAGCTGGAGCCTGAGCTGCTGTTGCAGGAGGCCCGGAGAACGTGGAGGCAGCGC  
AGAGCTACCGCGGGAGCTGGGTCACCGGCTTGGAGGGCTGCGTGAGGCGCGGAGGCAGATCAAAGAAAG  
TGCATCACAGACAAGGGATGTTCTCAAACAGCATTTTAAATGATTTAAAGGGAACCCCTTGGAAAGCTCCTG  
GATGAGCGATTGGTGACCCTTTTGAAGAGGTGGACACCATTGAACAGGAGACCATTAAACCACTAGATG  
ACTGCCAGAAGCTCATAGAACACGGAGTCAACTGCAGAGGACTTAGTCCGAGAAGGTGAAATCGCCAT  
GCTTGGTGGTGTGGGAGAAGAGAATGAGAACTGTGGAGCTTTACCAAAAAGGCCCTGCACATTCAGTTG  
GACAGCTTACCAGAAGTACCTTTACTGGTTGATGTGCCTTGTTTATCTGCTCAGTTGGATGACTCAATTC  
TTAACATAGTAAAGACCACATTTTTAAGCATGGAACAGTAGCATCTCGCCCACCAGTACAGATAGAAGA  
ACTAATAGAGAAACCTGGAGGCATCATTGTACGATGGTGAAGGTGGATGATGACTTTACAGCCCAAGAT  
TACAGGCTCCAGTTTCGTAATGTACTTCAAATCATTTTGGAGTGTATATGTAGTTCTGAAACTGAAT  
TCATAGTATTGCACATAGACCCCAACGTTGATTACCAGTTCAGAGTCTGCGCCCGAGGAGATGGCCGACA  
GGAGTGGAGTCCCTGGAGTGTCCCCAGATAGGTCATTCCACATTGGTGCCTCATGAGTGGACAGCTGGT  
TTTGAGGGGTACAGTCTGAGCAGTCAAGAAATATAGCACTTCGGAACGATTCTGAATCATCGGGTGTTC  
TCTACTCCAGAGCTCCGACTTATTTCTGTGGGCAGACATTAACATTCAGAGTTGAAACTGTGGGACAGCC  
AGACAGAAGAGATAGCATAGGAGTGTGTGCAGAAAAACAGGATGGATATGACTCTCTGCAGCGGGATCAA  
GCTGTGTGCATTAGTACAAATGGTGCAGTTTTTGTCAATGAAAAAGAAATGACAAATCAGTTACCCGAG  
TTACTTCTGGTCCACTGTCACGTTTGACATTGAAGCCGTGACTCTAGGAACCACCAGTAATAATGAAGG  
TGGACACTTCAAGCTTCGAGTAATAAGTTCAAATAATAGAGAAGTGGTTTTTACTGGTTACTTGTAT  
CAGTCTTGTGTTCTCTTACTTTGGATGCTCATTTTTCTATCCTGGATGGAAAGTGTAGTGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204326 representing NM\_015986  
Red=Cloning site Green=Tags(s)

MRGAMELEPELLLQEARENVEAAQSYRRELGHRLEGLREARRQIKESASQTRDVLKQHFNDLKGTGLKLL  
 DERLVTLLQEVDTEIETIKPLDDCQKLIEHGVNTAEDLVREGEIAMLGGVGEENEKLSWFTKKASHIQL  
 DSLPEVPLLVDPCLSAQLDDSI LNIVKDHI FKHGTVASRPPVQIEELIEKPGGIIVRWCKVDDDFTAQD  
 YRLQFRKCTSNHFEDVYVGETEFIVLHIDPNVDYQFRVCARGDGRQEWSPWSVPQIGHSTLVPHEWTAG  
 FEGYSLSSRRNIALRNDESSGLVYSRAPTYFCGQTLTFRVETVGQPDRRDSIGVCAEKQDGYDSLQRDQ  
 AVCISTNGAVFVNGKEMTNQLPAVTSGSTVTFDIEAVTLGTTSNNEGGHFKL RVTISSNNREVVFDWLLD  
 QSCGSLYFGCSFFYPGWKVLVF

TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_015986

**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\\_015986.4](#)

**RefSeq Size:** 2848 bp

**RefSeq ORF:** 1329 bp

**Locus ID:** 51379

**UniProt ID:** [Q8IUJ8](#)

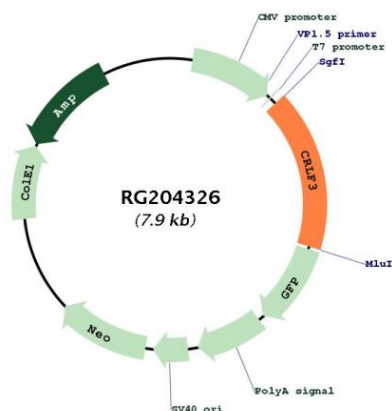
**Cytogenetics:** 17q11.2

**Domains:** FN3

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a cytokine receptor-like factor that may negatively regulate cell cycle progression at the G0/G1 phase. Studies of the related rat protein suggest that it may regulate neuronal morphology and synaptic vesicle biogenesis. This gene is one of several genes located in the neurofibromatosis type I tumor suppressor region on the q arm of chromosome 17, a region that is subject to microdeletions, duplications, chromosomal breaks and rearrangements. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 2 and 5. [provided by RefSeq, Aug 2012]

### Product images:



Circular map for RG204326