

Product datasheet for **SC114561**

CRLF3 (NM_015986) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRLF3 (NM_015986) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRLF3
Synonyms:	CREME-9; CREME9; CRLM9; CYTOR4; FRWS; p48.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015986, the custom clone sequence may differ by one or more nucleotides

```
ATGAGGGGGCGATGGAGCTGGAGCTGAGCTGCTGTTGCAGGAGGCCCGGAGAACGTGGAGGCAGCGC
AGAGCTACCGCGGGAGCTGGGTCAACGGCTTGAGGGGCTGCGTGAGCGCGGAGGCAGATCAAAGAAA
TGCATCACAGACAAGGGATGTTCTCAAACAGCATTTTAATGATTTAAAGGGAACCCCTGGAAAGCTCCTG
GATGAGCGATTGGTGACCCTTTTGAAGAGGTGGACACCATTGAACAGGAGACCATTAAACCACTAGATG
ACTGCCAGAAGCTCATAGAACACGGAGTCAACACTGCAGAGGACTTAGTCCGAGAAGGTGAAATCGCCAT
GCTTGGTGGTGTGGGAGAAGAGAATGAGAACTGTGGAGCTTTACAAAAAGGCCTCGCACATTCAGTTG
GACAGCTTACCAGAAGTACCTTTACTGGTTGATGTGCCTTGTTTATCTGCTCAGTTGGATGACTCAATTC
TTAACATAGTGAAAGACCACATTTTAAAGCATGGAACAGTAGCATCTCGCCACCAGTACAGATAGAAGA
ACTAATAGAGAAAACCTGGAGGCATCATTGTACGATGGTGTAAAGGTGGATGATGACTTTACAGCCCAAGAT
TACAGGCTCCAGTTTCGTAATGTACTTCAAATCATTGAGGATGTATATGTAGTTCTGAAACTGAAT
TCATAGTATTGCACATAGACCCCAACGTTGATTACCAGTTCAGAGTCTGCGCCCGAGGAGATGGCCGACA
GGAGTGGAGTCCCTGGAGTGTCCCCAGATAGGTCAATCCACATTGGTGCCTCATGAGTGGACAGCTGGT
TTTGAGGGGTACAGTCTGAGCAGTCAAGAAAATATAGCACTTCGGAACGATTCTGAATCATCGGGTGTTC
TCTACTCCAGAGCTCCGACTTATTTCTGTGGGCAGACATTAACATTGAGAGTTGAAACTGTGGGACAGCC
AGACAGAAGAGATAGCATAGGAGTGTGTGCAGAAAAACAGGATGGATATGACTCTCTGCAGCGGGATCAA
GCTGTGTGCAATTAGTACAAATGGTGCAGTTTTTGTCAATGAAAAAGAAATGACAAATCAGTTACCCGAG
TTACTTCTGGGTCCACTGTCACGTTTGACATTGAAGCCGTGACTCTAGGAACCACCAAGTAATAATGAAGG
TGGACACTTCAAGCTTCGAGTAACTATAAGTTCAAATAATAGAGAAGTGGTTTTTACTGTTACTTGTGAT
CAGTCTTGTGGTTCTCTTACTTTGGATGCTCATTTTTCTATCCTGGATGGAAAGTGTAGTGTTTAG
```



[View online >](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015986 unedited
 NNNNCCCGGGGGNNNNNNNNNNNNNNNNNNCGTTCAAATTTGTATACGACTCATATA
 GGCGGCCGCGAAATTCGCACCAGGGCGATGGAGCTGGAGCCTGAGCTGCTGTTGCAGGAG
 GCCGCGAGAACGTGGAGGCAGCGCAGAGCTACCGCGGGAGCTGGGTACCCGGCTTGAGG
 GGCTGCGTGAGGCGCGGAGGCAGATCAAAGAAAGTGCATCACAGACAAGGGATGTTCTCA
 AACAGCATTTTAAATGATTTAAAGGGAACCTTGGAAAGCTCCTGGATGAGCGATTGGTGA
 CCCTTTTGAAGAGGTGGACACCATTGAACAGGAGACCATTAAACCACTAGATGACTGCC
 AGAAGCTCATAGAACACGGAGTCAACACTGCAGAGGACTTAGTCCGAGAAGGTGAAATCG
 CCATGCTTGTTGGTGTGGGAGAAGAGAATGAGAACTGTGGAGCTTTACAAAAAGGCCT
 CGCACATTGAGTTGGACAGCTTACCAGAAGTACCTTTACTGGTTGATGTGCCTTGTTTAT
 CTGCTCAGTTGGATGACTCAATTCTTAACATAGTAAAGACCACATTTTTAAGCATGGAA
 CAGTAGCATCTCGCCACCAGTACAGATAGAAGAACTAATAGAGAAACCTGGAGGCATCA
 TTGTACGATGGTGAAGGTGGATGATGACTTTACAGCCAAGATTACAGGCTCCAGTTTC
 GTAATGTAAGTCAAATCATTTTGGAGGATGTATATGTANGTTCTGAAACTGAATTCATAG
 TATTGCACATAGACCCCAACGTTGATTACCAGTTCAGAGTCTGCGCCCCGAGAGATGGCC
 GACAGGAGTGGAGTCCTTGGNAGTGTCCCAGATAGGTCAATCACANTGGTGCCTCATGA
 GTGGACAGCTGGTTTGAAGGGTACAGTCTGAGCAGTCAAGAATATAGCACTTTTCGAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015986 unedited
 CAGTTTTTTTTTTTTTTTGAACTTTTTTATTTTTATTTGATTCTAGGCTGGGCAAGGT
 ATCTACATTCTAGAACATCTTCTTAATCCCTAAACAAGTGGAAATCTACTACTTTATATA
 AAAAGAAAGTAGAAAAGGTCATGATTGTCTAACAGGGGAACATGAATCCCCAAATAAATT
 ATCTTACAAAAATATCATACTTGTCTTTTCTACTTTTTTACTATACTGGTAAAAATGAAAT
 GAAAAAATAAATTCACATTAATAAATACTGTAGGGTGGCATAGAAGACAATTATTTTT
 ACATATTAAGTCCTTCAAATAAATATTTTACACACAAATTTAAGTAAGTTTTTAAAAAA
 AATAAGTATTTACGCTATATTTTTTTGCTGCTAAAAAGAGACCACTTATTAACACTGAC
 ATTAACCTGGACTGCAGCTCATTCTCTGCAAAGAGTAAATGCATGTCACAGGCAGATTG
 GATACACACGTGCATATTACATACATATGAAATGGCTAACACTGCTGTGCATACTACTGC
 CATAACTAGTTTTACCCTGTAATAAATACTGTAGCCTATACTGTATCAAATGCAATGAAA
 GAACAAAAGGTACTACTTGCCTATTTTAGACACTTGGTCAAGCATTAAAAAAAATACAAA
 AATTGGTCCACTGCAGTGGCTCACACCTGTAATCCTAGCACTTTGGAAAGCTTGAGTGGG
 TGGAACACCCCTGAGTCAAGAATCAAGACCAGCCTGGCCAACATGGTGAACCCCTGTCTC
 TACTAAAAATACAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_015986

Insert Size:

2750 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_015986.1](#), [NP_057070.1](#)

RefSeq Size: 2954 bp

RefSeq ORF: 1317 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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the supported protein.