

Product datasheet for SC317725

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317725 representing NM_015986. Blue=Insert sequence Red=Cloning site Green=Tag(s)

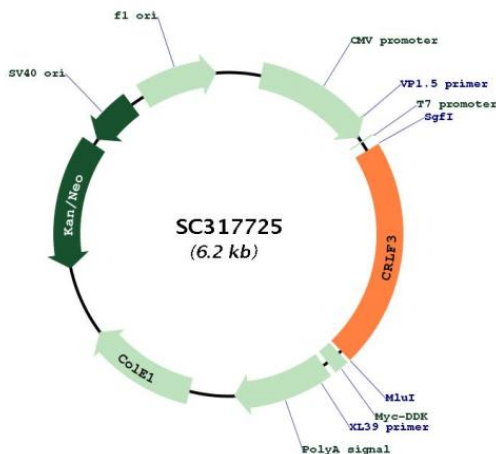
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_015986

Insert Size: 1329 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015986.3](#)

RefSeq Size: 2954 bp

RefSeq ORF: 1329 bp

Locus ID: 51379

UniProt ID: [Q8IU18](#)

Cytogenetics: 17q11.2

Domains: FN3

Protein Families: Druggable Genome

MW: 49.8 kDa

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.