

Product datasheet for **MG218784**

Crlf1 (NM_018827) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crlf1 (NM_018827) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Crlf1
Synonyms: CLF-; CLF-1; CRL; CRLM-3; CRLM3; NR6; NR6.1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG218784 representing NM_018827
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCGGGTCGCCCGGGCCCGTCGCCCAATCCGCGCGGGCGGCCCGCGGGCCGTGTCTCGCTGT
 GGTGCGCTCTGTTGCTCTGTGCTCCTCGGGTGCCTCGGGCGGATCGGGAGCCACACAGCTGTAATCAG
 CCCCCAGGACCCACCCTTCTCATCGGCTCCTCCCTGCAAGCTACCTGCTCTATACATGGAGACACACCT
 GGGGCCACCGCTGAGGGGCTCTACTGGACCCTCAATGGTCGCCGCTGCCCTCTGAGCTGTCCCGCTCC
 TTAACACCTCCACCCTGGCCCTGGCTAACCTTAATGGGTCCAGGCAGCAGTCAGGAGACAATCT
 GGTGTGTACGCCGAGATGGCAGCATTCTGGTGGCTCCTGCCTCTATGTTGGCTTGCCTCCTGAGAAG
 CCTTTAACATCAGCTGCTGGTCCCGGAACATGAAGGATCTCACGTGCCGCTGGACACCGGGTGCACACG
 GGGAGACATTCTACATAACCACTACTCCCTCAAGTACAAGCTGAGGTGGTACGGTACAGGATAACACATG
 TGAGGAGTACCACACTGTGGCCCTCACTCATGCCATATCCCCAAGGACCTGGCCCTCTTCACTCCCTAT
 GAGATCTGGGTGGAAGCCACCAATCGCCTAGGCTCAGCAAGATCTGATGTCTCACACTGGATGTCTGG
 ACGTGGTGACCACGACCCCCACCCGACGTGCACGTGAGCCGCGTTGGGGCCCTGGAGGACCAGCTGAG
 TGTGCGCTGGGTCTCACCACAGCTCTCAAGGATTTCTCTTCCAAGCCAAGTACCAGATCCGCTACCGC
 GTGGAGGACAGCGTGGACTGGAAGTGGTGGATGACGTGACGCAACCAGACCTCTGCCGTCTCGGGGCC
 TGAAGCCCGGCACCGTTTACTTCGTCCAAGTGCCTTGAACCCATTCGGGATCTATGGGTGAAAAAGGC
 GGAATCTGGAGCGAGTGAGGCCACCCACCGCTGCCTCCACCCCTCGAAGTGAAGCGCCCGGGCCCGGGC
 GGCGGGGTGTGCGAGCCGCGGGCGGCGAGCCAGCTCGGGCCGGTGGCGCGGAGCTCAAGCAGTTCC
 TCGGCTGGCTCAAGAAGCAGCATACTGCTCGAACCTTAGTTTCCGCTGTACGACAGTGGCGTGTCTG
 GATGCAGAAGTACACAAGACCCGAAACCAGGACGAGGGGATCTGCCCTCGGGCAGACGGGTGCGGCG
 AGAGGTCTGCCGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG218784 representing NM_018827
Red=Cloning site Green=Tags(s)

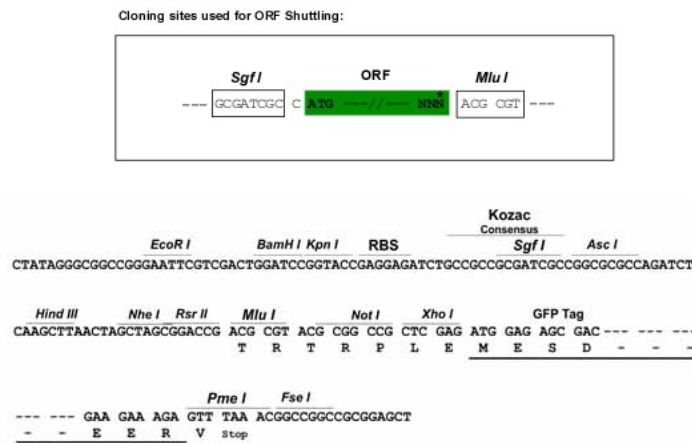
MPAGRPGPVAQSARRPPRPLSSLWSPLLL CVLGVPRGGGAHTAVISQDPTLLIGSSLQATCSIHGDT
 GATAEGLYWTLNGRRLPSELRLLNTSTLALALANLNGSRQQSGDNLVCHARDGSLAGSCLYVGLPPEK
 PFNISCSWRNMKDLTCRWTPGAHGETFLHTNYSKYKLRWYGDNTCEEYHTVGPHSCHIPKDLALFTPY
 EIWVEATNRLGSARSDVLTLDVLDVVTTDPPPDVHVS RVGGLEDQLSVRWVSPALKDFLFQAKYQIRYR
 VEDSDVKVVDVSNQTSCLAGLKPVTYFVQVRCNPFGIYGSKKAGIWEWSHPTAASTPRSERPGPG
 GGVCEPRGGEPSSGPVRRRELKQFLGWLKHKHAYCSNLSFRLYDQWRAMQKSHKTRNQDEGILPSGRRGAA
 RGPAG

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja2173_g06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018827

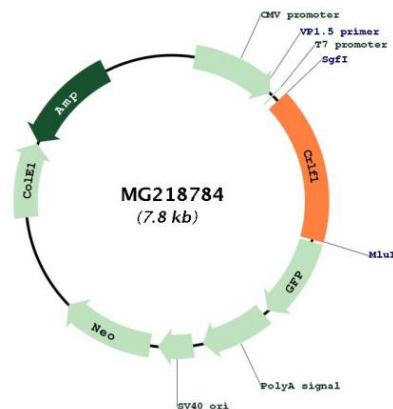
ORF Size: 1275 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<ol style="list-style-type: none">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_018827.4
RefSeq Size:	1646 bp
RefSeq ORF:	1278 bp
Locus ID:	12931
UniProt ID:	Q9JM58
Cyogenetics:	8 34.15 cM
Gene Summary:	This gene encodes a member of the cytokine type I receptor family. The encoded protein functions as a cytokine receptor subunit and may be involved in immune system regulation and fetal development. [provided by RefSeq, Dec 2015]

Product images:



Circular map for MG218784