

Product datasheet for **RR210513**

Crlf2 (NM_134465) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crlf2 (NM_134465) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crlf2
Synonyms:	Crl2; Tpte2; Tslpr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR210513 representing NM_134465 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGAGCTGTGACCTGGGCCATCGTGGCCATGCTCCTGCCGCGGTCTTGGGGCGATTCCGACGAGGA
CGCCACGGACAGGGGGCTCGGTGACACCTCTCTGTTGCCATTGTTGCCATGACCTGGAGAGCGTGGA
AGTCACGTGGGGCCGGGCTCTGCCACCATGGGCTGTCAGCCAATCTCAGCCTGGAGTCCGGTATGGA
AACCAGGTCCCCAGCCCTGCCACACTACTTTCTGTTGGACAGCGTCAGAGCAGGCTGTGTCTCCCCA
TGGGGAAGGGGCTTCTGGAGGTGGTGTGCGTGAGGGAGGCGGAGCCAAGCTGTTCTCCCGAAGAAGAA
GGCATCGGCTGGCTGAGGCCCCGCCCTCCATGGAACGTACCCTGAGCTGGGTAGGGGACACTGTTGCT
GTTTCTGCCCTCCCACTCTTACCCTGGGCTGGAATATGAGGTGCAGCACAGAGATGACTTCGACCCTG
AATGGCAGTCGACCTCTGCACATTCTGCAACCTGACAGTGGGCGGGCTGGACCTGGGCGCTGTACGA
CTTCCGGGTGCGGGGACGCCCCAGGATTTCTACTATGGCCCCGAGGCGCGGCCAGCAAGTGGACAGGC
GTGGCCAGCCTGCAGGGAGTGGGACCCACAGGCTCCTGCACTGGCCCCACCCTCCCGAGGACCCCGGGA
CCCCACCCACCTCTCGCCCTGGCCTGTGGCCTTGGGTTGGCCCTGCTCACCTGGTGTCTGCTCCTGGC
CCTGTGCGGATGCGCAGGGTGAAGGAAGCCCTGCTGCCTGGTGTCCCCGACCCCGCGGCTCCTCCCT
GGCCTTCTCGAGAAACATCATGGAACTTCCAGGCTTGGATCGCAGATTCTCAGGCTGCTGTCCCTACGG
TCCCAGAGCAGGACAAAGATGATGATGTCATCCGGCTCAGACCAAGGGGTGAAAACCTCAGGAGGAGGA
TGATGTCAATTGCCCGGGTCCCATGCCTTGGGGGAGGGGCCCTGATGTCGGTGGGCGGGCCTCGTTC
CTGATGGGAGACAGCGGTACACCACCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR210513 representing NM_134465
Red=Cloning site Green=Tags(s)

MRAVTWAIIVAMLLPRVLGAIPTRTPRTGGVGDLSVAIVCHDLESVEVTWGPSSAHHGLSANLSLEFRYG
 NQVPQPCPHYFLLDVSRAGCVLPMGKGLLEVLRREGGAKLFSRKKKASAWLRPRPPWNVTLSWGDTVA
 VSCPSHSYPGLEVEVQHRDDFDPEWQSTSAPFCNLTVGGLDPGRCYDFRVRATPQDFYYGPEARPSKWTG
 VASLQGVGPTGSCTGPTLPRTPGTPTPLALACGLAVALLTLVLLALLMRRVKEALLPGVPDPRGSFP
 GLFEKHHGNFQAWIADSQAAPVTVPEQDKDDVIRPQTKGVETQEEDDVIAPGSPCLGGALMSVGGASF
 LMGDSGYTTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

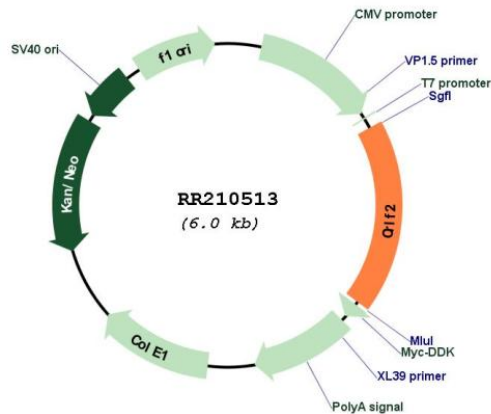
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_134465

ORF Size:	1080 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:	<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_134465.2 , NP_604460.2
RefSeq Size:	1319 bp
RefSeq ORF:	1083 bp
Locus ID:	171499
Cytogenetics:	14p22
MW:	38.5 kDa
Gene Summary:	contains conserved WSXWS motif found in all cytokine receptors; binds to the cytokine thymic stromal derived lymphopoietin (TSLP) [RGD, Feb 2006]