

## Product datasheet for **RR216641**

### Fcrlb (NM\_001191931) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrlb (NM_001191931) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fcrlb
Synonyms:	RGD1563018
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR216641 representing NM\_001191931  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGACACTTACCGTCTCTGCTTCTGGTTCAGGCAGTGGGAAAGCTGCTACTCTGGAGAAGCCCC  
 TACTGTCTCTACACCCACCTTGGACCACCATCTTCAAGGGGAGCGAGTAACCCCTGAGATGTGATGGGTA  
 CCACCCTCTGCTGTTGGAACCTCCGGCCATTAGCACTCTCTGGTACTTGGGCCATGTCCTTCTGCCTTCC  
 CACAAGAAGAGCATTGAGGTGCAAGCACCAGGGGTGTACCGATGTGAGACACGAGGAGCACCAGTCAGTG  
 ATCCCATCCACCTCTCTGTGTCTAATGACTGGCTAATTCTGCAAGTGCCGTATGCTGCCGTGTTGAGGG  
 AGAACCCCTGGTGTGCGATGCCGTGGCTGGTACGACAAAGTCGCTACAAGCTTCACTACTACCACGAT  
 GGCCAGGTGTGAGATATTTCCATTCCAGCACCAACTACACGGTGTGACGGCGGAGCCAGTGACAGCG  
 GTCACTACCAGTGTGAGCACCATGCGCATCCCAGTGGAAAGTGCGCCATGTTCTCCTCCAAGGTGGC  
 CGTGACCGTGCAAGAGCTGTTCCAGACGCCGTGCTGAGAAGTCTGAGCCCGCAGGAGGCGGGGCGCC  
 GTGGTGTGCGCTGCGAGACGCGCTGCACCCGAGAAGCGGGACACGCCGCTGCAGTTCGCCTTCTACA  
 AGTACAGCCGGCCTGTGCGCCGCTTCGACTGGGGCGCCGAGTACACAGTCCCCGAGCCCGAGGTCGAGGA  
 GCTCGAATCCTATTGGTGTGAGGCTGCCACCACCACCCGGAGTGTCCGGAAACGCAGCCCTGGCTGCG  
 CTCCCAGGGAAGGGGATCTGTCTGGATCTGGCGTCCACCACCCGACCCAGCCACAGGCTGCAGCCTTGG  
 CGCCCGGGGACAAACCACTTTCCTTCCGGAAGACCCAGTGTGAGATCTGTCCCATCAGTCACTTCCGT  
 CCCAAACAGCACGTTTACAGGGTGCAGTTCGCCGCGGCCACGTCCCACCCGCGGGCCACATGCCTGC  
 GTGCCTCTGCCACGTCCACGGATCTGTGCGCGAAGCTCTACAGCCAAAGTGGACCTTCTGCTTCGCG  
 AGATGCAGTGTCAAAGGCCTTCTCAGCCGCTGGTCTGGGATTAAGGACCCACAGGCCCTCCGCGA  
 GCTTACAGAGACCCCTGAGACACCAATTCTTACTGTGAACCCATAACCCAGAGACCACAGTCGTG  
 GAGAGCCAAGAGGACAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216641 representing NM\_001191931  
 Red=Cloning site Green=Tags(s)

MWTLTVLLLLVPGSGKAATLEKPVLSLHPPWTTIFKGERVTLRCDGYHPLLELRPISTLWYLGHVLLPS  
 HKKSIEVQAPGVYRCQTRGAPVSDPIHLSVSNLWILQVPYAAVFEGEPLVMRCRGWYDKVYKLYHYHD  
 GQAVRYFHSSTNYTVLQARASDSGHYQCSGTMRIIPVESAPMFSSKVAVTVQELFQTPVLRRLSPQEARGR  
 VVLRCETRLHPQKRDTPQLQFAFYKYSRPFVRRFDWGAEYTVPEPEVEELESYWCEAATTTTRSVRKRSPWLQ  
 LPGRGSVLDLASTTAPAPQAAALAPGDKPLSFRKTPVSRVSVTSVSNSTFTGLQFPAGHVPTAGPHAC  
 VPLPTSDLREALQPKVDLLLREMQLLKGLLSRVVLGLKDPQALRELTETPETPNSLTVNPITPETTVV  
 ESQEDS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001191931

**ORF Size:** 1278 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\\_001191931.1](#), [NP\\_001178860.1](#)
**RefSeq Size:** 1412 bp

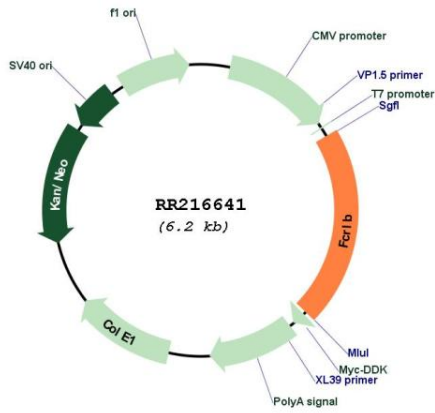
**RefSeq ORF:** 1281 bp

**Locus ID:** 498275

**Cytogenetics:** 13q24

**MW:** 47.5 kDa

Product images:



Circular map for RR216641