

Product datasheet for MR205359

Fcrla (NM_001160215) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrla (NM_001160215) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fcrla
Synonyms:	BB219290; FCRL; FCRL1; Fcrlm1; Fcrx; FREB; Frelb1; mFcrX; mFREL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205359 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTGAGCTGCACGCTCACACAGTGGGCCCTTTATGTCTGCCCTGCTGTGCTCCTGGCAACCCAGA
TGTTACTGGCAGCTGCCAGTTCAGAGACTCTGAAGTGTGAAGGACTTGTGAGCACTGAGCAAGGCAGCTG
CCAGGCTGCTGCTGAGGAAGACGAGGGTATGAAGATGATGGCGATATGACCCAATCCAGTGAAGCTGGC
TTCCAGTCAAGGGCTACACATTCAGTAAACCCTCCATCTCAGCGTGTCTATGACTGGCTGATCCTTC
AAGGTCCAGCTACATTGATATTTGAAGGAGACACATTGGTCTGCACTGCCGCGCTGGCAAGACTGGCC
ACTGACTCAGGTTATCTTCTACCGAGAGGGCTCCGCCTTGGGTCTCCTGGACCTAAAAGTGAATTCCTC
ATCACCATGGTGCAAAAGTCAGACGGTGGGCACTACCACTGCAAGTGGCATCTTCAGGAGCCCTGGTCTG
GGAGCCGAGAGGCTGCATCCCCTGTGGCTATCACTGTCCAAGAGTTGTTTGCAGCCCCAGTTCTCAAAGC
CTTACCTTCTAGTGAGCCCCAAGAGGGAGGCTCAGTAACCCTGAGCTGTGAGCAAAAGCTGGCCCTGCAG
AGGTGAGCTTCCCGCTCCTCTTCTTCTTACAAGGATGGAAGGTCAGTGTGAGGAGGAGTCTCTT
CAGAACTCAAGATCCCCAAAGCCTCAGAAGAAGTCTGGCTCCTACTGGTGTGAGGAGTACTGAGGAG
CAGACAGATTTGAAGCAGAGCCCAACTGGAGATCTGGGTACAGGCTCTTCAAGAAACCAACCGCTTCG
GAACTCCTCCACAGAAGCTCTCGGCTCTGCCCCACCACCTGCTTCTTCTGCTGAGCAGCCAAAGT
TCTCTCCCGAGACCCACCTTCATCACCAGATGCAGTCTTCTCAAACAAATACAAGATGTAAGAGC
TCTCTCGGTCATCTGGTCATGGAGCTGAGGGACTTGTCTGTCTACCTGAAGCTGGTACCACGAAGGTT
GCTGACAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR205359 protein sequence
 Red=Cloning site Green=Tags(s)

MKLSCTLTQWALYVCPAVLLATQMLLAAASSETLKCEGLVSTEQGGSCQAAAEEDEGEDDDGDMTQSSEAG
 FQFKGYTFSKPFHLSVSYDWLILQGPATLIFEGDTLVLCRAWQDWPLTQVIFYREGSALGPPGPKSEFS
 ITMVQKSDGGHYHCSGIFRSPGPGSREAAASPVAITVQELFAAPVLKALPSSEPQEGGSVTLSCQTKLALQ
 RSASRLLFsfykdgrslsvrgvsSELKIPKASEHSGSYWCEAVTEDRQISKQSPQLEIwvqalqkptas
 ETPPTEALGPLPPPPASSAEQPRFSSDPHLHHQMQLLLKQIQDVRALLGHLVMELRDLSVYLKPGTTKY
 ADK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001160215

ORF Size: 1062 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_001160215.1](#), [NP_001153687.1](#)

RefSeq Size: 1661 bp

RefSeq ORF: 1062 bp

Locus ID: 98752

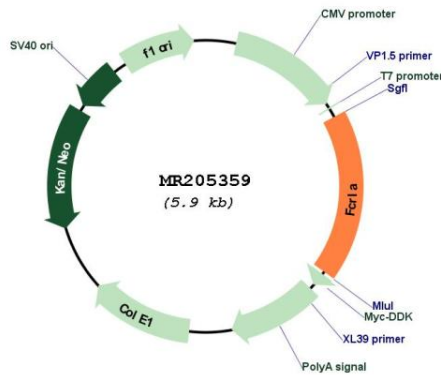
UniProt ID: [Q920A9](#)

Cytogenetics: 1 H3

MW: 38.4 kDa

Gene Summary: May be implicated in B-cell differentiation and lymphomagenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205359