

Product datasheet for MR225205

Fcrl1 (NM_153090) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrl1 (NM_153090) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fcrl1
Synonyms:	A230020G22Rik; Bxmas1; Bxmh1; Bxmh1b; Fcrh1; Fcrh1l; Fcrh1s; Ifgp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225205 representing NM_153090 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTACCTTGGCTCCTGCTACTGATCTGTGGTGTGCACAGTTTTCTGTTAACAACATAGCTTTCTCTT
TACAACCAGATGAAATGCTGTCTCTACCGTGTGAACCTGCTGGAATCTCTGATGTGAGCTGAAGACACG
GCCCCAGGAGGATGGGTGATGGAGGGAGACAAGCTGGTCCCTCATCTGCTCGGTTGATAGAGTCACTGGG
AATATAACTTACTTCTGGTACAGAGGGGCCCTGGGTTTCCAAGTGAACAAAGACACAACCTTCACTAA
CAGCAGAGTTTGAGATCAGTGACATGAAGCAGAGCGATGCTGATCAATATTACTGTGCGGCTAACGATGG
CCACGACCTATCCCCAGTGAGCTGGTGAGCATCCACGTGAGATTCCAGTGTCTCGCCCTGTCTTACG
TTTGGGGACTCTGGAACCCAGGCTGTGCTAGGGGACCTGGTGGAGCTTCACTGTAAAGCCCTGAGAGGCT
CACCCCAATCTTCTACCACTTTTATCATGAGAGCATCATCTGGGGAACAGTTCAGCACCTCTGGAGG
AGGAGCATCCTTCAACTTCTCCCTGACTGCAGAACATTCTGAAACTTCTCCTGTGAGGCCAGCAATGGA
CAGGGTGCCCAACGAAGTGAGGTGGTGGCTCTCAACTTAACAGGTCTCTCCTTAGTGCTACTGAGAATG
GAATCAGCCATCTCTCTTAGGACTCACTGGGTGGCTGCTTGGCTGTCTTAGCCTCATCACCATGGCCTT
AATATTTTGGCTACTGGCTCAAGAGAAAAATAGGAAGACAATCAGAGGATCCAGTCAGGAGCCCTCCTCAG
ACTGTGCTCCAAGGATCCACCTACCCAAACCCCGACTCAAGGCAGCCAGAGCCCTGTATGAGAACG
TGAACGTTGTAAGTGGAATGAAGTGTACTCTCTGGTGTACCACACCCCGCAGGTGCTGGAACAGCAGC
AGCTCAGCATGTGAGGACACACGGAGTAAGTGAGTCTCTTTCAGGTCTCTCTGGACTCTATTCTAAGCCA
AGGATAAACATTGCACATATGGACTATGAAGACGCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR225205 representing NM_153090
Red=Cloning site Green=Tags(s)

MLPWLLLLICGAAQFSVNNIAFSLQPDEMLSLPCEPAGISDVSLKTRPPGGWVMEGDKLVLCSDRVVTG
 NITYFWYRGALGFQLETKTQPSLTAEFEISDMKQSDADQYYCAANDGHDPVSELVSIHVRVPSRPVLT
 FGDSGTQAVLGLDLVELHCKALRGSPPIFYQFYHESIILGNSSAPSGGGASFNFSLTAEHSGNFSCEASNG
 QGAQRSEVVALLTGLSLVPTENGI SHLSLGLTGWLLGCLSLITMALIFCYWLKRRKIGRQSEDPVRSPPQ
 TVLQGSTYKPPDSRQPEPLYENVNVVSGNEVYSLVYHTPQVLEPAAAQHVTRTHGVSESFQVSSGLYSKP
 RINIAHMDYEDAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9030_e12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153090

ORF Size: 1089 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_153090.2](#), [NP_694730.2](#)

RefSeq Size: 2042 bp

RefSeq ORF: 1092 bp

Locus ID: 229499

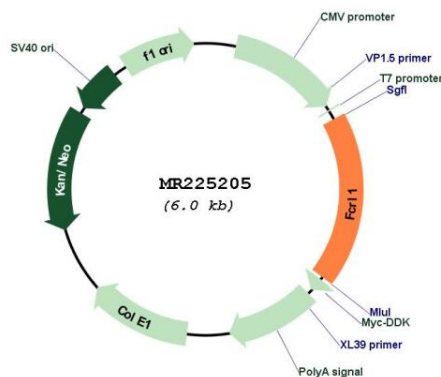
UniProt ID: [Q8R4Y0](#)

Cytogenetics: 3 F1

MW: 39.9 kDa

Gene Summary: May function as an activating coreceptor in B-cells. May function in B-cells activation and differentiation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225205