

Product datasheet for **MG226656**

Fcrla (NM_145141) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrla (NM_145141) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fcrla
Synonyms:	BB219290; FCRL; FCRL1; Fcrlm1; Fcrx; FREB; Freb1; mFcrX; mFREB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG226656 representing NM_145141 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTGAGCTGCACGCTCACACAGTGGGCCCTTTATGTCTGCCCTGCTGTGCTCCTGGCAACCCAGA
TGTTACTGGCAGCTGCCAGTTCAGAGACTCTGAAGTGTGAAGGACTTGTGAGCACTGAGCAAGGCAGCTG
CCAGGCTGCTGCTGAGGAAGACGAGGGTGTGAAGATGATGGCGATATGACCCAATCCAGTGAAGCTGGC
TTCCAGTTCGAAGGCTACACATTCAGTAAACCCTCCATCTCAGCGTGTCTATGACTGGCTGATCCTTC
AAGGTCCAGCTACATTGATATTTGAAGGAGACACATTGGTCTGCACTGCCGCGCTGGCAAGACTGGCC
ACTGACTCAGTTATCTTCTACCGAGAGGGCTCCGCCTTGGGTCTCCTGGACCTAAAAGTGAATTCTCC
ATCACCATGGTGCAAAAGTCAGACGGTGGGCACTACCACTGCAGTGGCATCTTCAGGAGCCCTGGTCTCTG
GGAGCCGAGAGGCTGCATCCCCTGTGGCTATCACTGTCCAAGAGTTGTTTGCAGCCCCAGTTCTCAAAGC
CTTACCTTCTAGTGAGCCCCAAGAGGGAGGCTCAGTAACCCTGAGCTGTGAGCAAAAGCTGGCCCTGCAG
AGGTGAGTTCAGGCTCCTCTCTCTTTCTACAAGGATGGAAGGTCAGTGTGAGGAGTGTCTCTT
CAGAACTCAAGATCCCCAAAGCCTCAGAAGAACAACCTCTGGCTCCTACTGGTGTGAGGCAGTACTGAGGA
CAGACAGATTTGAAGCAGAGCCCAACTGGAGATCTGGGTACAGGCTCTTCAAGAAACCAACCGCTTCG
GAACTCCTCCACAGAAGCTCTCGGTCCTCTGCCCCACCACCTGCTTCTCTGCTGAGCAGCCAAAGT
TCTCCTCCCAGACCCCACTTCAACAGATGCAGTCTTCTCAAACAATAACAAGATGTAAGAGC
TCTCCTCGGTATCTGGTCATGGAGCTGAGGGACTTGTCTGTCTACCTGAAGCCTGGTACCACGAAGGTT
GCTGACAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG226656 representing NM_145141
Red=Cloning site Green=Tags(s)

MKLSCTLTQWALYVCPAVLLATQMLLAAASSETLKCEGLVSTEQGGSCQAAAEDEGEDDDGDMTQSSEAG
 FQFKGYTFSKPFHLSVSYDWLILQGPATLIFEGDTLVLHCRAWQDWPLTQVIFYREGSALGPPGPKSEFS
 ITMVQKSDGGHYHCSGIFRSPGPGSREAAASPVAITVQELFAAPVLKALPSSEPQEGGSVTLSCQTKLALQ
 RSASRLLSFYKDGRLSVRGVSSELKIPKASEEHSYWCCEAVTEDRQISKQSPQLEIWWQALQKPTAS
 ETPPTEALGPLPPPPASSAEQPRFSSDPHLHHQMQLLLKQIQDVRALLGHLVMELRDLVYLKPGTTKY
 ADK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145141

ORF Size: 1056 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_145141.2](#), [NP_660123.1](#)

RefSeq Size: 1658 bp

RefSeq ORF: 1059 bp

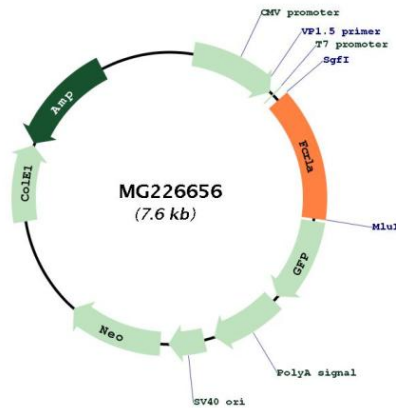
Locus ID: 98752

UniProt ID: [Q920A9](#)

Cytogenetics: 1 H3

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

Product images:



Circular map for MG226656