

Product datasheet for **MG205359**

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:	>MG205359 representing NM_145141 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTGAGCTGCACGCTCACACAGTGGGCCCTTTATGTCTGCCCTGCTGTGCTCCTGGCAACCCAGA
TGTTACTGGCAGCTGCCAGTTCAGAGACTCTGAAGTGTGAAGGACTTGTGAGCACTGAGCAAGGCAGCTG
CCAGGCTGCTGCTGAGGAAGACGAGGGTGTGAAGATGATGGCGATATGACCCAATCCAGTGAAGCTGGC
TTCCAGTTCGAAGGCTACACATTCAGTAAACCCTCCATCTCAGCGTGCCTATGACTGGCTGATCCTTC
AAGGTCCAGCTACATTGATATTTGAAGGAGACACATTGGTCTGCACTGCCGCGCTGGCAAGACTGGCC
ACTGACTCAGTTATCTTCTACCGAGAGGGCTCCGCCTTGGGTCTCCTGGACCTAAAAGTGAATCTCC
ATCACCATGGTGCAAAAGTCAGACGGTGGGCACTACCACTGCAGTGGCATCTTCAGGAGCCCTGGTCTCTG
GGAGCCGAGAGGCTGCATCCCCTGTGGCTATCACTGTCCAAGAGTTGTTTGCAGCCCCAGTTCTCAAAGC
CTTACCTTCTAGTGAGCCCCAAGAGGGAGGCTCAGTAACCCTGAGCTGTCAGACAAAGCTGGCCCTGCAG
AGGTGAGTTCAGGAGGAGTCTCTTCTTCTTCTACAAGGATGGAAGGTCAGTGTGAGGAGGAGTCTCTT
CAGAACTCAAGATCCCCAAAGCCTCAGAAGAACAACCTCTGGCTCCTACTGGTGTGAGGCAGTACTGAGGA
CAGACAGATTTGAAGCAGAGCCCAACTGGAGATCTGGGTACAGGCTCTTCAAGAAACCAACCGCTTCG
GAAACTCTCCACAGAAGCTCTCGGTCCTCTGCCCCACCACCTGCTTCTCTGCTGAGCAGCCAAAGT
TCTCCTCCCAGACCCCACTTCACTACCCAGATGCAGTCTTCTCAAACAAATACAAGATGTAAGAGC
TCTCCTCGGTATCTGGTCATGGAGCTGAGGGACTTGTCTGTCTACCTGAAGCCTGGTACCACGAAGGTT
GCTGACAAA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205359 representing NM_145141
 Red=Cloning site Green=Tags(s)

MKLSCTLTQWALYVCPAVLLATQMLLAAASSETLKCEGLVSTEQGSCQAAAEDEGEDDDGDMTQSSEAG
 FQFKGYTFSKPFHLVSVSYDWLILQGPATLIFEGDTLVLHCRAWQDWPLTQVIFYREGSALGPPGPKSEFS
 ITMVQKSDGGHYHCSGIFRSPGPGSREAAASPVAITVQELFAAPVLKALPSSEPQEGGSVTLSCQTKLALQ
 RSASRLLFSFYKDGRLSVRGVSSSELKIPKASEEHSYWC EAVTEDRQISKQSPQLEI WVQALQKPTAS
 ETPPTEALGPLPPPPASSAEQPRFSSPDPHLHHQMQLLLKQIQDVRALLGHLVMELRDL SVYLKPGTTKY
 ADK

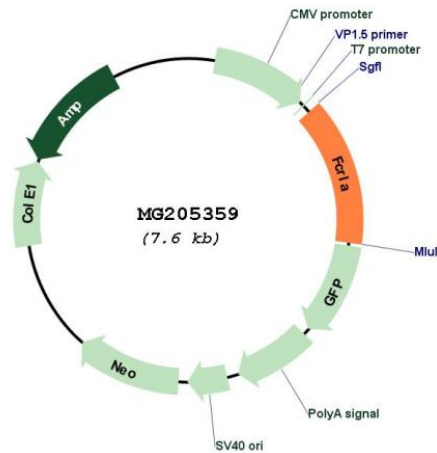
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_145141

ORF Size:	1655 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_145141.1
RefSeq Size:	1338 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]