

## Product datasheet for **MG220853**

### Fcrlb (NM\_001029984) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrlb (NM_001029984) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fcrlb
Synonyms:	FcRL2; Fcrlm2; Fcry; FREB-2; FREB2; mFCRL2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG220853 representing NM_001029984 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGGATGCTTGCAGCCCTCCTGCTTCTGGTTCCAAGAAGTGGAAAAGCTGCTACTCTGGAGAAGCCTG  
TACTGACTCTACACCCACCTTGGACCACCATCTCAAGGGAGAGCGAGTAACCCTGAGATGTGATGGATA  
CCACCCTCTGCTGCTGGAGCTCCGGCCATTAGCACTCTCTGGTACCTGGGCCATGTCCTCTGCCTTCC  
CACAAGAAGAGCATCGAGGTGCAGGCACCAGGGGTGTATCGATGTCAGACAGGAGGACCCCGTCAGTG  
ATCCTATCCACCTCTCTGTGTCTAACGACTGGCTAATTCTGCAAGTGCCGTATGCTGCGGTGTTGAGGG  
AGAGCCCTTGGTATGCGCTGCGGTGGCTGGTACGACAAAGTCGTCTACAACTTCACTACTACCACGAC  
GGCCAGGCTGTGAGATATTTCCACTCTAGCACCAACTACACGGTGTGCAAGCGCGAGCCAGCGACAGCG  
GTCACTACCAGTGTCTGGCACCATGCGTATCCAGTGGAGAGTGCGCCCATGTTCTCTCCAAGGTGGC  
CGTGACCGTGCAAGAGCTGTTCCAGACACCGGTGCTGAGGACGTTAAGCCCGCAGGAGGCGCGGCCGC  
GTGGTGTGCGCTGCGAGACGCGCTGCACCCGAGAAGCGGGACACGCCGCTGCAGTTCGCTTCTACA  
AGTACAGCCGGCCGGTGCGCCGCTTCTGACTGGGGCGCCGAGTACACTGTCCCGAGTCCGAGGTCGAGGA  
GCTCGAATCGTACTGGTGTGAGGCCGCCACCACCAGCCGAGTGTACGAAACGCAGCCCGTGGCTGCAG  
CTCCCTGGGCGGGCCCTGTCTGGATCTGGCGTCCACCACCGCCAGTGCACAGGCTGCAGCCTTGG  
GGCCGGGGACAAGCCGCTTTCCTTCCGGAAGACCCAGTGTCCAGATCCGTTTCAGTTCAGTCACTTCCAT  
CCCGAACAGCACCTTTCAGGGCTGCAGTTCGCCGCGGGCCATGTTGCCACCGCCGGGCCACACGCTGC  
GCGCCCTGCCAGCGTCCGCGGAGCAGTCGCGGAAGCTCTTACGCCAAGGTGGACCTCTGCTTCGCG  
AGATGCAGCTGCTCAAAGCCTTCTGAGCCGCTGGTCTGGGATTAAGGACCCACAGGCCCTCCATGA  
GCTTACAGAGACCCCGAGACACCAATTCTCACGTTACTGTGAACCCGCAACCCAGAGACCACTGTC  
ATGGAGGGCCGAGTGGACAGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG220853 representing NM\_001029984  
 Red=Cloning site Green=Tags(s)

MWMLAALLLLVPRSGKAATLEKPVLTLPHPWTTIFKGERVTLRCDGYHPLLELRPISTLWYLGHVLLPS  
 HKKSIEVQAPGVYRCQTRGAPVSDPIHLSVSNLWLIQVPYAAVFEGEPLVMRCRWYDKVYKLYHYHD  
 GQAVRYFHSSTNYTLQARASDSGHYQCSGTMRIIPVESAPMFSSKVAVTVQELFQTPVLRRLSPQEARGR  
 VVLRCETRLHPQKRDTPLQFAFYKYSRPFVRRFDWGAEYTPVESEVEELESYWCEAATTSRSVRKRSPWLQ  
 LPGRGPVLDLASTTAPVAQAAALGPGDKPLSFRKTPVSRVSVQSVTSIPNSTFAGLQFPAGHVATAGPHAC  
 APLPASAEQSREALQPKVDLLLREMQLLKGLLSRVVLGLKDPQALHELTTETPETPNSHVTVPATPETTV  
 MEGRVDS

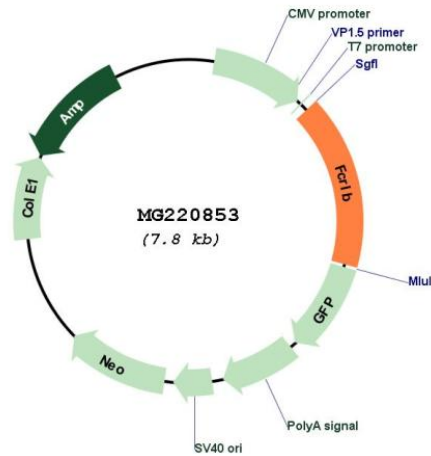
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001029984

<b>ORF Size:</b>	1281 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001029984.2</a> , <a href="#">NP_001025155.2</a>
<b>RefSeq Size:</b>	1284 bp
<b>RefSeq ORF:</b>	1284 bp
<b>Locus ID:</b>	435653
<b>UniProt ID:</b>	<a href="#">Q5DRQ8</a>
<b>Cytogenetics:</b>	1 H3