

Product datasheet for **MG222363**

Fcmr (NM_026976) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcmr (NM_026976) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fcmr
Synonyms:	1810037B05Rik; Faim3; FcmuR; Tos0
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG222363 representing NM_026976 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTTTTGGCTTTGGTTACTTTACTTCTGCCAGTGTCTGGGGCCCTGAGAGTCTCCAGAAGTAC
AGCTGAATGTAGAGTGGGTGGATCCATTATCATCGAATGCCACTCCCTCAACTACACGTAAGGATGTA
TCTGTGTCGGCAGATGGCCAACTGGGATATGCTCCACTGTGGTGTCCAACACCTTTGTCAAGAAGGAA
TATGAAAGGCGAGTACCCTGACGCCATGCTTGGATAAGAAGCTATTCTAGTGGAGATGACACAGCTGA
CGGAAAAATGACGATGGAATCTATGCCTGTGGTGTGGGCATGAAGACAGACAAAGGCAAGACCCAGAAAAAT
CACCTGAATGTCCATAATGAATACCCAGAACCATTCTGGGAAGATGAATGGACCTCTGAGCGGCCAAGA
TGGTTGCACAGATTTCTGCAGCACCAGATGCCCTGGCTCCACGGGAGTGAACATCCAGCTCTTCTGGAG
TCATAGCCAAAGTTACCACGCCAGCTCCAAAGACTGAGGCCCTCCGGTTCACCAGCCCTCCAGCATCAC
TTCAGTAACCCAACATCCAGAGTTTACAGAGCATTTTCTGTGTGAGCTACCAAGTCCCCAGCGCTCCTG
CCAGCAACCACAGCCTCAAAGACTTCCACTCAGCAAGCAATCAGGCCCTAGAGGCCAGCTACAGCCACC
ACACCAGACTTCATGAGCAAAGGACACGCCACCATGGCCACACTATGGGAGAGAAGACCCAGGGCTTCA
CATCCCCATCCCAGAATTCACATCCTGATTCCGACCTTCTGGCTTTCTTGTGTTCTTTTGGGA
CTGGTGGTAAAAAGAGCCATTCAAAGGAGGAGAGCCTCCTCCAGAGCTGCCGGCCGACTGGCGATGAGGA
GGCGAGGCCGGGGCTTCCCGCCGTTCCCCACACAGCGCCGGATGCCCGCAGAGGCCGCGCTCGCA
GAACAACGTCTACAGCGCTGCCCGCGCGCACGGGGACCAGACAGCTTGGTCCAGCGGAGGCTCCG
CTCCTCAACGCCCCAGCCTCAGCGTCCCGCTTCTCCGAGGTAAGTCTTGGCCCCACACCC
CATCTCTGAAGATGAGCTGTGAATACGTGAGCTTGGGCTACCAGCCTGCTGTCAACCTGGAAGACCTTGA
TTCAGATGATTACATCAATTCCTGACCCATCTCATCTCCCTAGCTATGCCCGAGGCCAGATCTTCA
TGCCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG222363 representing NM_026976
 Red=Cloning site Green=Tags(s)

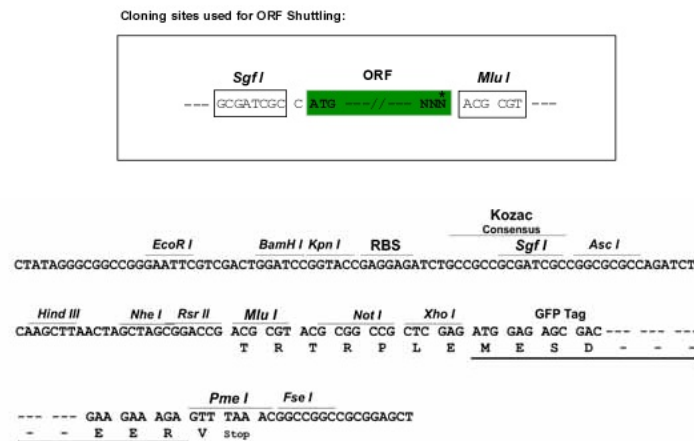
MDFWLWLLYFLPVSGALRVLPEVQLNVEWGGSIIECPLPQLHVRMYLCRQMAKPGICSTVVSNTFVKKE
 YERRVTLTPCLDKKFLVEMTQLTENDDGIYACGVGMKTDKGKTQKITLNVHNEYPEPFWEDEWTSERPR
 WLHRFLQHQPWLHGSEHPSSSGVIKVTTPAPKTEAPPVHQPSITSVTQHPRVYRAFVSATKSPALL
 PATTASKTSTQQAIRPLEASYSHHTRLHEQRTRHHGPHYGREDRGLHIPIEFHILIPTFLGFLLLVLLG
 LVVKRAIQRRRASSRRAGRLAMRRRRGRGASRPFTQRRDAPQRPRSQNNVYSACPRRARGPDSLGPAEAP
 LLNAPASASPQVLEAPWPHTPSLKMSCEYVSLGYQPAVNLEDPDSDDYINIPDPShLPSYAPGPRSS
 CQ

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1710_g06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026976

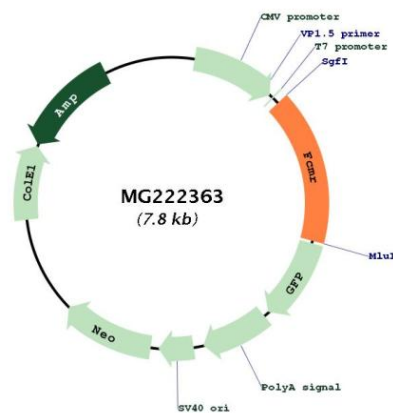
ORF Size: 1266 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_026976.2 , NP_081252.1
RefSeq Size:	1491 bp
RefSeq ORF:	1269 bp
Locus ID:	69169
UniProt ID:	A1KXC4
Cytogenetics:	1 E4
Gene Summary:	May play a role in the immune system processes. Protects cells from FAS-, TNF alpha- and FADD-induced apoptosis without increasing expression of the inhibitors of apoptosis BCL2 and BCLXL. Seems to activate an inhibitory pathway that prevents CASP8 activation following FAS stimulation, rather than blocking apoptotic signals downstream. May inhibit FAS-induced apoptosis by preventing CASP8 processing through CFLAR up-regulation (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG222363