

Product datasheet for **MR222363**

Fcmr (NM_026976) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcmr (NM_026976) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fcmr
Synonyms:	1810037B05Rik; Faim3; FcmuR; Toso
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR222363 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTTTTGGCTTTGGTTACTTTACTTCCTGCCAGTGTCTGGGGCCCTGAGAGTCTCCAGAAGTAC
 AGCTGAATGTAGAGTGGGGTGGATCCATTATCATCGAATGCCACTCCCTCAACTACACGTAAGGATGTA
 TCTGTGTCGGCAGATGGCCAAACCTGGGATATGCTCCACTGTGGTGTCCAACACCTTTGTCAAGAAGGAA
 TATGAAAGGCGAGTACCCTGACGCCATGCTTGGATAAGAAGCTATTCCTAGTGGAGATGACACAGCTGA
 CGGAAAATGACGATGGAATCTATGCCTGTGGTGTGGGCATGAAGACAGACAAAGGCAAGACCCAGAAAAT
 CACCCTGAATGTCCATAATGAATACCCAGAACCATTCTGGGAAGATGAATGGACCTCTGAGCGGCCAAGA
 TGGTTGCACAGATTTCTGCAGCACCAGATGCCCTGGCTCCACGGGAGTGAACATCCAGCTCTTCTGGAG
 TCATAGCCAAAGTTACCACGCCAGCTCAAAGACTGAGGCCCTCCGGTTCACCAGCCCTCCAGCATCAC
 TTCAGTAACCCAAACATCCAGAGTTTACAGAGCATTTTCTGTGTCAGCTACCAAGTCCCCAGCGCTCCTG
 CCAGCAACCACAGCCTCAAAGACTTCCACTCAGCAAGCAATCAGGCCCTAGAGGCCAGTACAGCCACC
 ACACCAGACTTTCATGAGCAAAGGACACGCCACCATGGCCACACTATGGGAGAGAAGACCGAGGGCTTCA
 CATCCCCATCCCAGAATTTACATCCTGATTCCGACCTTCTGGGCTTTCTCTTGCTGGTCTTTTGGGA
 CTGGTGGTAAAAAGGCCATTCAAAGGAGGAGAGCCTCCTCCAGACGTGCGGGCCGACTGGCGATGAGGA
 GGCGAGGCCGGGGGGCTTCCCGCCGTTCCCCACACAGCGCCGGGATGCCCGCAGAGGCCCGCGCTCGCA
 GAACAACGTCTACAGCGCTGCCCGCGCGCACGGGGACCAGACAGCTTGGGTCCAGCGGAGGCTCCG
 CTCCTCAACGCCCCAGCCTCAGCGTCCCCGCTTCTCCGAGGTACTTGAAGTCTTGGCCCCACACCC
 CATCTCTGAAGATGAGCTGTGAATACGTGAGCTTGGGCTACCAGCCTGCTGTCAACCTGGAAGACCCTGA
 TTCAGATGATTACATCAATATTCCTGACCATCTCATCTCCCTAGCTATGCCCCAGGGCCAGATCTTCA
 TGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222363 protein sequence
 Red=Cloning site Green=Tags(s)

MDFWLWLLYFLPVSGALRVLPEVQLNVEWGGSIIECPLPQLHVRMYLCRQMAKPGICSTVVSNTFVKKE
 YERRVTLTPCLDKKLFLVEMTQLTENDDGIYACGVGMKTDKGTQKITLNVHNEYPEPFWEDEWTSERPR
 WLHRFLQHQPWLHGSEHPSSSGVIKVTTPAPKTEAPPVHQPSITSVTQHPRVYRAFVSATKSPALL
 PATTASKTSTQQAIRPLEASYSHHTRLHEQRTRHHGPHYGREDRGLHIPIEFHILIPTFLGFLLLVLLG
 LVVKRAIQRRRASRRAGRLAMRRRRGRGASRPFTQRRDAPQRPRSQNNVYSACPRRARGPDSLGPAEAP
 LLNAPASASPQVLEAPWPHTPSLKMSCEYVSLGYQPAVNLEDPDSDDYINIPDP SHLPSYAPGRSS
 CQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

ACCN: NM_026976

ORF Size: 1269 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).

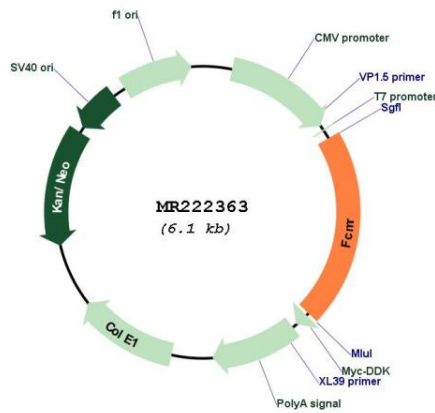
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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_026976.1](#), [NM_026976.2](#), [NP_081252.1](#)

RefSeq Size: 1491 bp
 RefSeq ORF: 1269 bp
 Locus ID: 69169
 UniProt ID: [A1KXC4](#)
 Cytogenetics: 1 E4
 MW: 47.5 kDa

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 MR222363