

Product datasheet for **RN200550**

Fcmr (NM_001014843) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fcmr (NM_001014843) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Fcmr
 Synonyms: Faim3; Toso
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN200550 representing NM_001014843
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAACCTTTGGCTTTGGTTACTCTACTTCCTGCCAGTGTCTGGGACCCTGAAGGTCTCCAGAAGTAC
 GGCTGGAAGTAGAGTTGGTGGTCCGTTTTTCATCGAGTGCCACTCCCTCAAACACACGTGAGGATGTA
 TCTGTGCCGCGAGATGACCAACCCTGCAATATGCGCCACTGTGGTGTCCAACATCTTTGTCAAGAAGGAA
 TATAAAAGGCGGGTCACCTGAAGCCATCCTTGAATAAGAAGCTGTTCTAGTGGAGATGACACAGCTGA
 CTAAGGATGACGAAGGAATCTATGCCTGTGGTGTGGGCACAAACACAGACCTCGGCAAGCCAGAAAGT
 CACCCTGAACGTCGTAATGAATCCCAGAATACCCAGAGCCATTCTGGGACGATGAACCGACATCAGAG
 CCATCGCCAAGATGGTGGTTGCACAGATATCCGGAGGAGCTTCCCTGGCTCAAAATGGGTGAACATGCCA
 GCCCTTCTGGATTCATAGACAAAGTCACCACACTATCTCAAAGACTGAGGCCCTCCAGTTCACCAGCC
 CTCCACCAACACTTCAGTAAGCCGCCATCCAGAGTTTATGGAGCATCTTCTGAAACACCTACCAAGCCC
 TCAGCGCTCCTGCCAGCTACCACAGCCTCAAACCTCTGCTCGGCAAGCATCCAGGCTCCTCGAGGCCA
 GCTACAGCCACCACACCAGACTTCATGGGAAAGGACACCCACTACGGTTCACAGTATGGGAGAGAAGA
 CCGAGGGCTTACATCTCCATCCCAGAATTTACATTCTGATTCCGACCTTCTGGGCTTCTCTTGCTG
 GTTCTTTTGGGACTGGTGGTAAAACGAGCCATTCAAAGGAGGAGAGCCTTCTCCAGGCGCGTAGGCCGAA
 TGGCGAGGAGAATGCGAGGCCGGGGCCTTCCCGCCAGATCCCTACACAGCGCCGGGATGCCCGCAGAG
 GCCGCGCTCGCAGAACAACGTCTACAGCGCTGCCCGCGCGCACGGGAACCCGACAACGTGGGTTCA
 GCGGAGGCTGTCTCAACGCCCCAGCCTCGGCGCCCCAGCCTGCCACTGGTAATTGAAACTTCTT
 GGCCCCACACCCGCTCTGAAGATGAGCTGTGAATACGTGAGCTGGGCCACCAGCCTGCTGTCAACGT
 AGAAGACCAGGATCAAACGATTACATCAATATCCTGGCCTACCTCATCTCCTAGCAAGCCCCAGGG
 CCCAGACCTTACGCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001014843
Insert Size:	1281 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001014843.2</u> , <u>NP_001014843.1</u>
RefSeq Size:	1525 bp
RefSeq ORF:	1281 bp
Locus ID:	548326
UniProt ID:	<u>Q5M871</u>
Cytogenetics:	13q13
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]