

Product datasheet for **MC208469**

Fcer1a (NM_010184) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcer1a (NM_010184) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fcer1a
Synonyms:	Fce1a; fcepsilonri; FcERI; Fcr-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_010184, the custom clone sequence may differ by one or more nucleotides

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ATGGTCACTGGAAGGTCTGCCAGCTGTGCCTAGCACTGCTGTTTCATGTCTCTTGATGTCATTCTGACAG
CCACTGAGAAATCTGACTGACCTTGGACCCACCATGGATTAGAATATTTACAGGAGAGAAAGTGACCCCT
TTCCTGCTATGGGAACAATCACCTTCAAATGAACTCTACTACTAAATGGATCCACAATGGTACCGTCTCT
GAGGTGAACTCTTCACATTTGGTCATTGTGAGTGCCACCGTTCAAGACAGTGGAAAATACATATGCAGA
AGCAAGGATTGTTTAAGAGTAAACCTGTGTACTTGAATGTAACGCAAGATTGGCTGCTCCTTCAGACATC
TGCTGACATGGTCTTAGTCCATGGATCCTTTGACATCAGATGCCATGGCTGGAAGAAGTGAATGTCCGC
AAGGTGATCTACTACAGGAATGACCATGCTTTCAACTACAGTTATGAGAGCCCCGTCTCCATTAGAGAGG
CCACACTGAATGACAGTGGCACCTACCACTGCAAGGGCTATCTTAGGCAGGTGAAATATGAATCTGACAA
ATTCAGAATTGCTGTAGTAAAAGCTTACAAATGCAAGTATTATTGGCTACAACATAATTTCCATTGTTG
GTGGCGATTCTGTTTGTGTGGACACGGGGTTATTGCTCTCAACCGAAGAACAGTTCAAATCAGTCTTGG
AGATTCAGAAGACTGGAAAATACAAGAAAGTTGAAACCGAACTCCTAACCTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_010184
Insert Size:	753 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).



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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>BC125455</u> , <u>AAI25456</u>
RefSeq Size:	869 bp
RefSeq ORF:	753 bp
Locus ID:	14125
UniProt ID:	<u>P20489</u>
Cytogenetics:	1 80.33 cM
Gene Summary:	Binds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines.[UniProtKB/Swiss-Prot Function]