

## Product datasheet for MC208471

### Fcer2a (NM\_013517) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fcer2a (NM\_013517) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fcer2a  
**Synonyms:** CD23; Fce2; Fcer2; Ly-42  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208471 representing NM\_013517  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGAAAATGAATACTCAGGATACTGGAACTCCTAGAAAGCGTTGCTGCTGTGCAAGACGTGGG  
 CACAGCTCATGTTGGTGGGCTGCTGAGCACAGCAATGTGGGCTGGCCTGCTGGCCCTGCTTCTTCTGTG  
 GCACTGGGAAACGGAGAAGAATCTAAAACAGCTGGGAGACTGCAATTCAGAATGTCTCTCATGTTACC  
 AAGGACTTACAAAATCCAGAGTAATCAATTGGCCAGAAAGTCCAGGTTGTTCCAGATGTCACAAA  
 TCGCAAGAACTCCAAGCTGAACAGAAGCAATGAAAGCTCAGGACTCTCGGCTCTCCAGAACCTGACCGG  
 ACTCCAGGAGGATCTAAGGAACGCCAATCCCAGAACTCAAACCTCTCCAGAACCTGAACAGACTCCAA  
 GACGATCTAGTCAACATCAAATCCCTGGGCTTGAATGAGAAGCGCACAGCCTCCGATTCTCTAGAGAAAC  
 TCCAGGAAGAGGTGGCAAAGCTGTGGATAGAGATACTGATTTCAAAGGAACTGCATGCAACATATGTCC  
 CAAGAAGTGGCTCCATTTCCAACAGAAGTGCTACTATTTGGCAAGGGCTCCAAGCAGTGGATCCAGGCC  
 AGGTTCCGCTGCAGTGCCTGCAAGGGCGACTAGTCAGCATCCACAGCCAAAAGGAACAGGACTTCTCTGA  
 TGCAACACATCAACAAGAAGGATTCTTGATTGGCCTCCAGGATCTCAATATGGAGGGAGAGTTTGTATG  
 GTCGGACGGGAGCCCTGTGGTTATAGCAACTGGAATCCAGGGGAGCCCAATAACGGGGCCAGGGTGAG  
 GACTGTGTGATGATGCGGGATCCGGCCAGTGGAACGACGCTTCTGCCGAGCTACTTGGATGCATGGG  
 TGTGTGAGCAGCTGGCAACATGTGAGATATCTGCCCTTAGCCTCTGTGACTCCAACAAGGCCACCCC  
 AAAAAGTGAACCC**TGA**

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_013517



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<b>Insert Size:</b>	996 bp
<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_013517.4</a></u> , <u><a href="#">NP_038545.1</a></u>
<b>RefSeq Size:</b>	2241 bp
<b>RefSeq ORF:</b>	996 bp
<b>Locus ID:</b>	14128
<b>UniProt ID:</b>	<u><a href="#">P20693</a></u>
<b>Cytogenetics:</b>	8 1.92 cM
<b>Gene Summary:</b>	<p>Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and it encodes the longest protein (isoform A). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>