

## Product datasheet for **MC205160**

### Fam117a (NM\_172543) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam117a (NM_172543) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam117a
Synonyms:	5730593F17Rik; AW548096
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC055690  
 GGCAGGTAGCCGGGTGGCCATGTCCGGGGCCGACGGGGCGGCCGAGGCGGAGGTTCTGGGGGCCGGG  
 GCGCGAGGGGCGGGGGTCTCCGGCGGGGCTGCTCTCCACCGGCGCCGCTGGCTCCCCCGGGTGGT  
 CTGCAGCCACTCAGGGCTACGGTCCCCTTCCAGCTGCAGCAGCCTACCAGCGCCGGGACGGGGTGGCC  
 GCGCAGCCAGCGTTCCATGTTCCGGTGGCCCCAGAAAAGTCGGTGTGTAGGCTCAGCCACCCAGGTCCG  
 GCGTACGTTCTCCCTGGACACCATCCTCAGTTCCTACCTTCTGGGCCAGTGGCCACGAGATGCCGATGGG  
 GCCTTCCACTGCTACCAATGACAAGGCCACCCAGACACCCCTGTCTGGCAAGAACCAGAAGGTGAGC  
 GGGCCAGCTTCTGCATGCACAAGCGGTACAGCATCGTGGGGCAGCACAGACCACCGAAAAGAGATCACCAA  
 GTTGAAGCAGCAGCTGCAGAGGACAAAAGTGTAGCCGAGTGGGAAGGAGAAGGAGCGGAGCTGCCCTGTC  
 CAAGGGGACCATGCTGCGCTGGGAGCAGGGAGGGCATCCCTTCCAGCCACCCCCAGGACCCCCCGTCC  
 TGCGACTCAGCCCTTGTCTGCACAGAAGCCTAGAAGGGCTCAACCAGGAGCTGGAAGAGGTGTTGTGAA  
 GGAGCAGGGTGAAGAGGAGCTGTGAGGATACTTGAGTCCCTGATGGGCACCGTCCCCAGCTCCTCCA  
 CAGAATAGCAGCTGTGACCATTCCCTCCTTTGGAGCCAGGCAACCTGACCAGCTCTCCCTCCGTGCCAC  
 TGGCATCCCCCAGCCTCCAGCCAGGCCAGCCGTGAGGAGCACCAGGTGCCACCGAGGAACTAGCATC  
 CATCCACGGTAACAAAGCCTCCTCTCCAGGCAACCCAGCCTTCTAGAAGATGGCAGTCCGTCTCCAGTC  
 CTTGCCTTTGCTGCTTCCCTCGGCCAAATCACAGCTACGTCTTCAAACGGGAGCCCCAGAAAGGCTGTG  
 AGAGAGTGCCTGTGTTTGAAGAGGCCACGTCCCCAGGTCCTGACTTGGCCTTCTTGACTTCTGTCTGA  
 CAAGAACAAAGTCCATTTCAACCCGACTGGCTCCGCCTTCTGCCCTGTCAGCTTGATCAAGCCCCTTTC  
 CCCAGTATGGGCTTATCTTCCGTAACCTGCCCTCCAGCCCTGGCTCCCCCTTCCCACTGCCAGCCCCA  
 GGGCACCTCGGAAGGGTCCAGAAGCTTCCAAGGCCTCCTCGTGCCATCTGAGCCATGGCAGCGCAGCCC  
 ACCATCGGAAGAGTCTGTGCTTTTCCAGAGCTCCTTGGTAGTCTGAGTCCCCAGGCCCTACCACACTT  
 TACCATGGAGACTAGTGCCTTGGTGGCAAGCTCTTGTAGCTTCCCAAGCTGGGGATGGAGGAGCCCT  
 TCCTCCCTCTTGGCCTTTGAGCACTTTCTTTATTGTGTCAAAGCCCCAGGTCCTTTGGTGGACATCAG  
 CCCTCCACAGGGAGGAGACTTACCTCCTCCACAGCAGCAGGCAGCTCACAACTTACACTTGTGTACTGTG  
 CGGTTTCCCTCACCTGCCAGAAGGTCTTGAATCTTCTAGCCCAGGGTGTGAGTCCAGATGACTTATAAGA  
 GGCTCTTGTGATGGAACAGTTGGCTGTGGCTAAGAGAGGGGAGGTGCCACAGGCTTCTGACAGCTCCAC  
 TCTAGAGACACAGAAAGGCAGACCAGATCCCTCCCTCCTAGAGGAGTTGACCAGAGTGGCCCTCAGGGCC  
 AGAACACTTGACCAATCAGCTGTTGGCAGGGGACCATGAGATTTCCCAAGTGGCATTTCATCTCAGTTT  
 TACCCTGACTAAAGATTGCTTAGGGGAATCCCAACCCAAAGTGAATAGTGGGAAGAGGGGTCTGGCATT  
 CCTTCAGGGGGCATGCAGCAGCCCCGACTCGCCACCTGCCCCAGGGGGCATGAGCAGCTCCATGCCCTC  
 TACCCACCCCAAGTTGGGTTGAATTAGAAAAATGCCTATTTTTCTTGTATCGATGTAGAAACTCTATTT  
 TCTCCCAAAGACACTATTTTTGCAGCTATTTGAAGTTTGTATTTTTCCGTATTGCAGAGCTTACACAAA  
 ATTGAAGAATGTTAATGTTCAAGTTTTCATATCTTGTGTTTAGAGGTTATTGTGGTTTTTGTGTTTAT  
 TTTTTGCAGATCTTGATTTAATAGACCAATAAATATGTATTCCAGCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** NM\_172543

**Insert Size:** 1356 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:**

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:** [BC055690](#), [AAH55690](#)

**RefSeq Size:** 2306 bp

**RefSeq ORF:** 1356 bp

**Locus ID:** 215512

**UniProt ID:** [Q7TNF9](#)

**Cytogenetics:** 11 D