

## Product datasheet for **MC219459**

### **Fam161b (NM\_172581) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fam161b (NM_172581) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam161b
Synonyms:	9330169D17; 9830169C18Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219459 representing NM\_172581  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTGTGGGGAGGACTGCGGGAGGTCCTGAGTGCGCCGAGTGGAGCCGTGAGATATTTCTCCCAAGT  
 CGTCCTCCTCAGACACTGAGCCAGAAGATGAGCAGTTTGGAGAAGGGCTGGTTTTGCCAGAGCTGGCAA  
 ACTCCATGAGTTCCTCAGCCCGGAGGAGACACAGATTCTACTCCGACTCCACGGGAGCTTTTATAGA  
 ACCCCACAGGTTCCGAAGCAGAGAGGCCGGTGGGATGTATTGGAGTCTCTTCCAGTCTGATCCAGACA  
 GTGATCTGAACGACGCTGAGGATGAGGAAGACTTGGAGAGCTTCTTCCAAGACAAGAGCAGGGGGAAGCC  
 ACAGGTCCAGGACCCTCCATCTCTTAGGCATGGCTCCATGAGGCGCTGCAGCTCCATGACTAGCCTTCCC  
 TCTGACATTCCCAAGGCTCGGATCCTGCCAACCTCAGACTCTGGGCTCCCTCCCAGCACAGAAGTGT  
 GCTCTTGGGCATCTTCCATCACCGTCCCTCAGCCATTCCGCATGACACTGCGTGAGGCCCGAAGAAGGC  
 CCAGTGGCTGGCCTCACCTGCCTTTTTGAGCAGGAAAGGCTACAGGCCAGAAGCAGGGCGAGGAAGAG  
 GCGGAGTGCCATCGGCAGTTCGGGCCAGCCTGTGCCGGCACAGTCTACCTGCCCTCTATCAGGAGA  
 TCATGGAGCGCAGAGAGGCAAGGAGGCGCGCTGGGATTCGGAAGAGAAAGAACTCCTTCTCCTCCTT  
 GAAGCCCTTACGTTCTTGGAGAAGAAAGAACAGCAAAAGGAAGACGCTCCACAGAGAGACTCGGCTGCT  
 GTGGCTCAGACCAAGGTCTCCCAAGAAGGCCACTTCTAGGAAGATCCCAAGTCCATTCTAGAACCAG  
 CCCTTGGCGACAAACTCCAGGAAGCGGAGCTCCTCAGGAAAATCCGAATCCAGATGAGGGCCATGGACAC  
 TCTCCGGATGGCTTCTCCCTGTCAGCACCGCCGAAACAGGGCTCCCGAACGGCTGCCCGCACCCAG  
 GAGGAGAAGCTGAGCTTCTACAGACTGAGTTCGAATTCAGCCGAAGGTGAACCCTGTGGTCCCTGACT  
 ACGAGGGCCTTTACAAGGCTTTCAGAAAAGAGCTGCCGAGAGGAGGGAGACCCGGGAGACAACCAGAAA  
 TAAGCCCTTCTTGCTAAGAAGTCCCAACCTGAGTCACACTCCACGATCCTGTGATGCTACCGTGGT  
 GGAGGGAAGAAGTCCCCTCAGCCAACAGCTACTCCCCTGCCAAGGAGTCTTCTGAGTGGTCTCGCTT  
 CTTTTTCTGCCAACACTCCTCTGTGCACATCACTGATGCTACCAGGAAGCGGGAATCTGCAGTCCGAAT  
 GTCACTTGAAAAGAAGGACAAAATCAGACATGAGCATTGAGTGGTGGAGGTGCACAAAAAGAACTGTCAA  
 GCCATGTCTAAATCAGTGACCTTGGGGCAAGGCCATGGATCCCACAAAAGCCTGGAAGAGGTGTTCA  
 AAGCGAAGCTTAAAGAGAACCGGAGCAATGACCGTAAAAGAGCAAAGGAATATAAGAAAAGAACTGGAGGA  
 AATGAAGAAAAGAATACAAACAAGGCCCTATCTTTGAACAAGTTACCAAGGCCCTCGCCAGGAAAGAA  
 GCAGAAGAGCGCTATAGGACGCCCTGAAGCAGGCCGGCTGGAGGAGGAGTTTGTGAGAACCAAGAGTC  
 AAGGCACAGAGGCAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_172581

**Insert Size:** 1770 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:** [NM\\_172581.2](#), [NP\\_766169.1](#)

**RefSeq Size:** 3357 bp

**RefSeq ORF:** 1770 bp

**Locus ID:** 217705

**UniProt ID:** [Q8CB59](#)

**Cytogenetics:** 12 D1