

## Product datasheet for **MC220261**

### Fam189b (NM\_001014995) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam189b (NM_001014995) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam189b
Synonyms:	1110013L07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220261 representing NM\_001014995  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGCCCTCGCCAGTGACTCCAGTCGCTCGTGACCAGCCGCCAGTACCCGGGCCCTTACCACC  
 TCCGCCTCCACCGACCCTGGCTCCAGGCCCTGCTCACGTTGGGGCTGGCCAGGTGCTCTTGGGCATCCT  
 GGTGATAACCTTCAGCATGGTGGCTCCTCTGTACCACCACCGAGAGCATCAAGAGTCTGCCATCT  
 TGGGCTGGGTTCTCGCTGGCTTCTCCGGTGGTTGGCATTGTGTCTGGAAGCGGCCATTCACTCTAG  
 TGATCTCTTTCTCTCTGCTTTCGGTCTGTGTGTCATGCTTAGCATGGCTGGCTCTGTTCTCTCCTG  
 TAAGAATGCTCAGCTGGCTCGGGACTTCCGAGAGTGTCCATGGAAGGGAAGGTCTGTGTATGCTGCCCA  
 CCTATCCCCTACACAGACCTTGCCAGAATGGGGCCAGGAGCTGAAAGTTGCCCTCACTCCACCTGTG  
 ATGAAGCCAGAGGGGCCCTCAAGAACCTGCTCTTCAGTGTCTGTGGCCTTACCATTGTGCTGCAATAAT  
 CTGTACCCTCTCTGCTATTGTCTGCTGTGTCCAGATCTTCTCCCTGGATCTGGTGCATATGCAGCTTGC  
 CCTGAACGGTCAGTCTCAGGCCCTTAGGGCCCTGGCGTGTACATCCTCGCCTCCAGCTCCTCTCTAC  
 ACACCATGCTGGACTTGGAGGAATTTGTCCCGCCTGTGCCCCACCACCTACTACCCTCCAGAGTACAC  
 CTGCAGTTCAGAGACAGATGCACAAAGCATCACGTATAATGGCTCCATGGATAGCCCACTGTCCTTGT  
 CCTACTGACTGCCCCCTTCTTACGAGGCCGTCATGGGGCTGCGAAGAGACAGCCAGGCCACTCTGTTTG  
 ACCCTCAGCTTACAGATGGCTCCTGTGTCTGTGAGCGGGTGGCCTCCATTGTGGACGTGTCCATGGACAG  
 TGGGTCCCTGGTGTGTCTGCCATTGGCGACCTCCCCGGGGCTCTAGCCCATCAGAAGACTCATGCCTG  
 CTGGAACTCCAGGGCTCTGTGCGCTCCGTCGATTATGTGCTCTCCGCTCCATCCAGCGCAGCCCGCAG  
 GCTACTGCCTTAGCTGGACTGCGGCCCTCCGGGTCCCTTTGAAGACAGTCCCTTGCCAAGCGACCCCC  
 ACGGGCTGCCCGCTCCTATTCTGCTCAGCCCCCTGAAGCCCCACCCCACTGGGTGCCCCACAGCTGCT  
 CGCAGTTGCCACCGGTTAGAAGGCTGGCCGCCCTGGTGGGACCTTGTTCCTCCGAGCTGAGGCGCGGG  
 TCCCCGAGGAGGAGCCGCTCAGCTGCACCCCTCCTGCCGAGCACCAGCTCGACGTTTCACTGATAG  
 CTCAGGTTCCCTCACCCACCCGGACCCGACCTCCTCACCGACACCTCCTCCACCACTGCTGTGCC  
 AGGTCTCACAGCGACCCTGGCATTACCACCTCCAGCGACATCGTGACTTCAGGGACCTTATACCAAAG  
 TGCTTGAGGAAGAAGCTGCCTCTGTCTCCTCTGCAGACACAGGGCTCTGCTCTGAAGCCTGCCTTTCCG  
 TCTAGCCCGCTGCCCTTCCCCAAGTTGCTACGTGCTCGCTCAGCCGAGAAACGCCGCCAGTGCCACC  
 TTCCAGAAGTTCCCTGCCTTACAGTCTACACCTGCCACTCTTAGGGGACCTGAAAGGAAGCTGGC  
 CAGGCCGGGGCTAGTACTCGTTTCTCCAGCTGTCTAGGAGGTCTCCAGACCTACAGGAAGTGGAGC  
 CCATGGATATAAGCAAGTGCAGGAGCCATGGGGGCGACCAGGTGAGAGAGCCTCCACCTTCGAGC  
 TGTGGTGAATTTAGCTCTGGCTCCTCCCTAAGGCGACTTGTGCTGCCCGCAGGCTAGAGCATGGCATCC  
 GCCCACACAGCCTCAGCCTCAATGGAGGACCCGGGAGACTGGGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001014995
- Insert Size:** 2010 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\\_001014995.1](#), [NP\\_001014995.1](#)

**RefSeq Size:** 3077 bp

**RefSeq ORF:** 2010 bp

**Locus ID:** 68521

**UniProt ID:** [Q5HZJ5](#)

**Cytogenetics:** 3 F1