

Product datasheet for **MC217619**

Fam227b (NM_029455) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam227b (NM_029455) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam227b
Synonyms:	4930525F21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217619 representing NM_029455
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTGCCTGTCCCTCAGAAATTACGGATCCCCAAGGAGCTTTGATGAATCTTAAAGTCTCAAA
 ACTGGGATTATTGGCCCAGGGATGTTCAATTTAGAGATAGTGATATATGGGAAGATACTCTGAAAAA
 AGAAGAGGCTATTTTCATATACTTCTATTTATTCTTATCTGTGGACCAACGTGCCTCGGCTGTATGATATC
 GTCGACAGCTTGGAGTCAAAATTAAGGAAAGCTCACATCTTTGCAACACCATGCCTCCAGATTATTTG
 AAAGTGACAAAATGATTTCCAAGAAAAGGTCATATACAAACCTGGAACGCTACAAAGCATTGTAAAAGA
 AACTATAGGCCAAAGAAAATCGCGCTTTCAGATCGAATGGAGACAGAGAAGAATATAGAGGGTTGCACC
 TTTTATTCAACCAAAAATGAAGTGACACAATTACCCAGACATTTGGATGCTAAACAAATTTATCTTTATG
 TTTAAAAACACATAACTTTGAGGAAAAGGATTTAAAGTCTGGAAAACCATGTTCTCTCAGATTGCTC
 CATTGCTCTTTTGCATGACTCCTTTTGGTGGTGGTTTCTACATAAATTCAGCCTGACAAAAGAGATGAA
 GATTTCTGTTTGATAGAATTGCAGAAAGTTATGTCACACTTTTCATAAAAATACCTCTAAGGAGAAAGG
 ATGCATCTTTAAGATGTATCCTGACTGCTTGACTCAAGCTGTCTACACAACCTTCCAGGAATCATTTC
 AGAATCCTGCAGCCTCTCAATGATAAATTCAAAGAAGACCTAGGAAACACGATTTTCTTTGGTTGTCA
 GGTCTAAAGCCTGAAACTGGCTTTTGGACCCACTGGAACTGCAAGACCTCTGCACAACCACCATTCATG
 GCAGCAGGCGGTACCTGTGAAGTTGAGAAGGAGCGTCATTCCCAGCCAGGAGCACATACCAGGCATTAG
 AGACTTAAAAATCGAGGATATTTAAAGAACCAGAGCGTACGCAATGCCTAAACTCATGAAAGAGTCC
 GTAGCATCAAAAGCAGCAACCAAGCCTTCCCCTATAGGAGCTTGGGTCAGAGTTTACAAAAGTTCTCT
 TTGACTTTGGAGCCAGAGCCACTGATCTGTACTATCTTAAGATGCACGAGCTAGGAGGATTTCCGT
 CACTCACAAATCCGAAGGGAACCAAGTTCACCAAGATACTCCGGGAGCCATCACCTGCTCCAACATACTGC
 GACATCATCAGGGATGCCAAAAGAAAATTTGCAGATAACAAGAAGGATTTAAGAGAGTAAAGCAAAGAA
 TCAAAGATGATATCAAGTTCCTGAGAGAGCAACAGGAACTAATTGACAAGGAGCTTGACCGGATCCAAGC
 AAAGGCTTCCAAAATCTCCAAGAAGTCAAAAATGAATTTGAGAATTTTCTACATAAAACAACGTGTTGAG
 GCAAAACTCAAGGAGGAATATGGAGGATCAACATCAGCATCAGAGTCGCCACAGTCGATGCAGTCACCAC
 AATCATCATCGTCATTTCTACTATATCAGAAGACTTCAACAATGTGGAAGAGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_029455
- Insert Size:** 1599 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_029455.3](#), [NP_083731.2](#)

RefSeq Size: 1858 bp

RefSeq ORF: 1599 bp

Locus ID: 75823

UniProt ID: [Q9D518](#)

Cytogenetics: 2 F1