

Product datasheet for **RN207136**

Fam227b (NM_001013920) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam227b (NM_001013920) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam227b
Synonyms:	RGD1359452
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207136 representing NM_001013920
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTGCCTACCCCTCAGAAAGTCCAAGAGCCCCAAAGAGCTTTGAAGAATCTTAAAGTCTCAGA
 ACTGGGATTATTGGCCCAGGGATGTTACATTAGAGATGGTGATATATGGGAAAACACTCTGAGAAAAC
 AGAAGAGGCTGTTTCATATAATTCAAGTTATTCTTATCTGTGGACCAACGTTCTAGACTATATGAAATC
 GTCGACAGCATGGAGTCAAAGTTAAAGGAATGTTACATCTTTTGAACAGCATGCCTCCAGATTATTTG
 AAAGTGACAGACTGATCTCCAAGAAAAGGCATATACAAACCTGGACCGCTACAAGGCATTTCTAAAAGA
 ACACTATAGGCGAAAAGAAGATAGTGCTTTCAGATCAAATGGAGACAGAGAAGAATATAGAGGGTTGCACC
 TTTTACTCAAACAAAATGAGCTGACACAATTACCCAGACATTTGGATGCTAAACAGATTTATCTTTATG
 TTTAAGAACCATAACCTTGAGGAAAAGGTATTTAAAGTCTGGAAAACCCACATTTCTCAGACTGCTC
 CATTGCTCTTTTGCATGACTGCTTTTGGTGGTGGTTTCTGCATAAATCAAGCCTGACAAAAGAGATCAA
 GATTGGTTATTTGACAGAATCGCAGAAAAGTTATGTCACCTTTTTCATGAGAATACCTCTAAGGAGAAAGG
 ATATATCTTTTCAGATGTATCCCGACTGGTTGGCTCAAGCTGTCTACACAACCTTCCAGGAATCATTTC
 AGAATCCTGCAGCCTCTTCAATGATAACTTCAAAGAAGACCTAGGAAATACTATTTTTCTTTGGTTGTCA
 GGTCTAAAACCTGCGCCTGGCTTTTGGACCCACTGGAACTGCAAGACCTCTGCACAACCACCATTTCATG
 GCTGCAGGCGGTACCTGTGAAGTTGAGAAGGGGGATCATGTCCAGCCAGGAGCACACATCAGCCACTGT
 AGGTCTCAAAATCGAGGATATTTGAAGAACCAGAGCACTGCCTGTACTCAAGGAAGAGTCTGCAGCA
 TCAAAAATGACAACCAAGTCCCCTATAGGAGCTTGGGTCCAGAGTTTACAAGTTCTCTTTGACTTTG
 GGGTCAGAGTCCACTGATTCTGTACTATCTTAAGATGCACGAGTTAGGTGGTATTTCCGTCACCTATAA
 TCCGAAGGGAAGCAAGTTCACCAAGATACTCCGAGAGCCACCGCCTGCTCCAACATACTGTGAAATCATC
 AAGGATGCCAAAAGAAAATTTGCAGATAACAAAAGGATTTTAAGAGAGTAAAGCAAAGAATCAAAGACG
 ACATCAAGTTCCTGAAAGAGCAACAGGAACAAATCGACAAGGAGCTTGACCGGCTCCAAGCAAAGGCTTC
 CAAAAATCTCCAAGAAGTCAAAAATGATTTTGAATAATTTCTACATAAGCTGCGTGTGAGGCTAAACTC
 AAAGAGGAATACAGAGGATCAGCATCACCATCGGAGTCGCTACAGTCACTGCAGTCAACAAATTCATCGT
 TGTCATCCCTGCCATGTCAGAAGACTTCAACTCTGTGGAAGAAGGAGGGCTAAAGGAAGCCAGGAGCGA
 CCACTATTTAAGAACAACACAGTTCATTCACTCTATCAATTAATTGGAGGAGAGTGTACAACATAAA
 AGTACATTTTGTGTTTCATCTTTAAAATCTTCACATCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013920

Insert Size: 1722 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_001013920.2](#), [NP_001013942.2](#)

RefSeq Size: 1846 bp

RefSeq ORF: 1722 bp

Locus ID: 296118

UniProt ID: [Q6AXP3](#)

Cytogenetics: 3q36