

Product datasheet for **RN214881**

Fam227a (NM_001130581) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam227a (NM_001130581) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam227a
Synonyms:	RGD1305939
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214881 representing NM_001130581
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGTCGCTAAGACGATGGAAGCTATCAACGTCGCCGCCCTACCAATGCTAGCATTGGACGAACGCC
 TGGTGGTCTCTGTCAATGCGAGGAAGGTGCTGGAGAATGCTTTGAGGAAGCAGCTGCAGGAAAACCCACC
 CGCATGCATTATTGGCTCCATGAGCCAGGTGAACAAGAAGATTACTGAAATAGAGATGGACTCCAGCCTG
 TTGGTCTACACCTCGGAATTGAGGACTATGAGTTGGAGAAGAAGTCTTTAAAGAGAAAACCTCACAGCA
 GCCTGGGAGACGGAGTCAAGAACTGAAGGAAGAGTCCCCGATAATCTGCGAAGGCTCAGAGCTCCGGAA
 TGCCAAGGTGCACATCACAAAAGGAAAACAGCAGAAAAGACCCTGCTCGCAGAGCTCCATGAATACCCC
 CAGTTTGACGAAATGAGGCCCAACAACTACCAATGGCGTGGACTTCTGCGAAATGGTGGCAATGTGA
 TCCGATCTGAGAAAACCCCTGAGTGGCAAGTCTTACTGTTTAGACAGAGAACTAGAGAAGTTTCTGTG
 TTGCCTTTTCTGCTGGCCATATGGCTGGATAGCTTTTGGTGGCTATTTACGAAAGGTACCACCAGAC
 AGGGAGACCCAGAAGAAGCTGTTGACCGAATAGCCCGAACTACGCCTCCCTGATATTTAAAATGCGTC
 GGTCCCATTACGAAGAGGCACTCTAAAGAGGCTCTCTCACTTCTGAGCAAAGCCATGTACACCAGCTT
 CTGCTGCTGCTTCCCCAGTCTGGTTCATACCCACGAATTCAGTCAGAGATCTGTAACACCATGAAC
 CTGTGGATTTCAGGGACATATCCTTGCCACAGAGCTATAACAATTGGGACTGCTCAGAAGTGGATCCAG
 AGAGGTTCAGAGAGAAGAATCTTGTACAGAACAGTCGACTTCTAAGGGCAAGAGAGTTACCTCCTT
 CTCCTATACGAAATCATCCACCCAGGATATAGGACAGAAGAAGTATAAGAAGTCCATAAATTTATGGCT
 GCCCTGAAGGCTTCTCGTTCCCATGTAATGAATGAAAAGACCTTCAAGTAAGAAGATCTCCGAGGGAA
 GTTGGAAGTGTGAGCACCATGAGAGAGAATGATACCTACCTGTTCTCCAGGAAAGTCACACGGCA
 AGTCAAGCGGATATCATACGCCAGAGCATACATGGATTCAATTTATGAAAGAGTCCACCCTGCCTGCAAA
 ACCCCCGAACTGACTGCAAAACAGTTCACCTTTATGGAAGAGCCCGCTAATGGTGTACTTCTCTCA
 ACTACTCCCCGATACAGCTGCCTGGTCGGGACCTGCTGGTCAGCAGGAGAGAAAAGACTGAAATCATCCC
 TGACAACACCCTGACCTATGCTGACATCATCCAGCTGGTCACAAAGAACATGGCAATTCGAAGGAAAAAG
 CTCAGGCAGCTAGACCGGATGTACGAGAAGAGTGGAACTGTTTTACAATTACCTAATGGAGCTGCAAG
 AAACTATGAGAGGGAGTTGGTTATCATCGATAAGAAAGAGAAAAGAAAAAGCCAAAGCACATGGT
 CGTCTCCTCTCGACGTTGTTTGACTACTTGTAAACGGCAAGGCCAAGGAAACCCCAAGAAATTT
 GCCTTCTTTCAAGGAAGGAAAAGAGAGAGGTAGAAGGGAACAAAGGGTTTCCAGTCCCCTTTCTCAC
 TGGAAAACCTCTGTGGATAACTATTCCTTGGGCCTAAAAAGCCCTACATAATGAAGTCTGCCTCCAGTAA
 GCCCAGCAGCAGTAAGTCCAAGGCAAGCAGGATATGCTCTCCGACTCTCACCTCCTCCATTGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001130581

Insert Size: 1890 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_001130581.3](#), [NP_001124053.2](#)

RefSeq Size: 3219 bp

RefSeq ORF: 1890 bp

Locus ID: 300074

Cytogenetics: 7q34