

Product datasheet for **RN205056**

Fam111a (NM_001109163) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam111a (NM_001109163) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam111a
Synonyms:	RGD1560913
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205056 representing NM_001109163
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTCCTAAGAAGCGCAAATCACAGAAGATCCCATTTAATACCAGAAAAATAAAAAATCAAAGACT
 ATTTCTCTCAGGTTCCCAAAGAAGAGCAGAATGATCCAGTATTTCTCAAGTAAAAGTGGACTCTAAAA
 AATGCCAAGGGATATAACCAACACCAGGAACCAAGACCACTTTACCTAAGAAAATCAACAAGATCAG
 ACTCCTCCCCTATATAAGAAAATCTGGTACCTTGGGTGTGAACGCTAGGAAACACAAAAATGAAAC
 ATGTGCTCACAGATAGGGAGACAAGTAGCTTGTATGCAGCACTAACAGTCTCAGTGCTGTCAAAGAAGA
 GATAGAATGCCAAAAGGGCAAAGAAATGCTGGTATGTGGCAAAGAAGGAATTGAAGGATACTTAAACCTT
 GGCATGCCCTCTGCTGTATACCAGAAGGCAGCCATGTGATCATTACATTTGTCAATGAAAAGTAAAGA
 CAGAAGAACTAAACAATCTTTGAACCACAGGACCAAGCATCTACCAATATGTCGGATTTTACATTCA
 TGCAGTTGGGAGTAAGAGGAAAAAGATTCTGAAGTGTGGGAACCTCACAAAGAGGGGAACAAAGTCTGT
 GTCTATGGCTCCAAGGGAGAGAACATCAGAGACTCTGAGGAAGGACGGCAGGTTTTGTCTTTTCATAG
 AGAATGACCATTGGAACTCATTAAATGACCTGGACACTATCATAGAAAACACTCAGCCAGTTGATGAGTT
 AGAGGGCAAGCTTTTCAGGTTGCAGCTGAGCTACCAAAGAACCCTAGAGTAGTCTCTGTGCATGCAGAA
 TCTGGGTTAGAGAACAGAGACTTCCATAAGCTAGAAGACTATATTGTGAATGCGAACCTACATTGAAAG
 AAGAAGGAGAAAAACTCAGAGCATACTCAAGAAAAGAAAGTAAAAAAGTTCTTATTCAAAGTGCATAA
 AGAACACTTTGGGAAAAAACAATAAATCTACTCCTGTTAAAGTGCACAAACATCTTTGAAAAGTCAGT
 GATTACAGTTGGGTTCTATGGTGAACAACAATGGAAAGGAGGGCTGTGCCACCTGCTTTGTTTTAAAG
 GATTATACATTTGACTTGCCGGCATGTGATAACTAGTATTGTGGTGAAGGCATAGATCCATGTGAGTG
 GGCAAGCTTAATTAGTCAGTGTGTAAGGTGACCTTTGGTTATGAAGAGTTCCCACTAGTAGAAGACAAG
 TTTTTGAGGTTAAACCTTGTTTTGAGATATCTAATGAAAGCCTTGACTATGCTGTCTAGAACTGAGGG
 AAAATGGACAAGAAGTTCTGCTGGACTGTATAATGGAATAGGACCTGTGCCACTTAGTGGGTTAATATA
 TCTCATTGGCCATCCTGATGGAGAAAAGAAGTCTACTGATGGCTGTGAGTGGTCCCTCAAAGTCATAGA
 GGGCAAAAATGTCAGGAAAATTTCAAGAAAGAGAGAAAGCAAACACTGGATTCTACATCTTTTTTCC
 CTATATACACACAAGAAGTTTCCACGAAGTCTTTCACAACCATGATGTGGTTACTTATGACACCACTTT
 TTTTGGTGGTCTCTGGATCCCAGTATTTGATTCTAATGGTTCATTGGTGGCCATGCATGCTGCTGGC
 ATCACTTGTACAGACCAGAAATGGAGTTTTAATATCATTGAGTTGGTTTTACTATGGAATCCATCTTG
 CTAATATTAAGCAAACCTAAAGAGTGGTATGATACCATTTTGTAAATGATCGGGATGCAGAAATGCTGAG
 CACAGACTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109163

Insert Size: 1833 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_001109163.1](#), [NP_001102633.1](#)

RefSeq Size: 3191 bp

RefSeq ORF: 1833 bp

Locus ID: 499322

Cytogenetics: 1q43