

Product datasheet for **RN205624**

Fam46a (NM_001106844) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam46a (NM_001106844) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam46a
Synonyms:	RGD1311381
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205624 representing NM_001106844
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATCAGAGATACTTTTGGACTGACCAAGGCCAAGTGCGTTTCGGCGGCACTACATGGCTGAGAGCG
 AAGGGTACTTTGCCATGGCAGAGGACGAGCTGACCGCGGCCCTACATCCCTCTGGGTGGTGAATTCGG
 CGGCGGTGGCAGCTTCGGCGACCGCTGCTCGGACTATTGCGAAAGCCCCACGGCGCACTGCAACGTGCTG
 AACTGGGAGCAAGTGCAGCGTTGGACGGCATTGAGCGAGACCATCCCGATCCACGGTCGCGGCAACT
 TCCCCACGCTCGAGCTGCAGCCGAGCCTGATTGTGAAGTGGTGGGAGGCGCCTGGAGGAGAAGAGCAT
 AGGTGTCCGCGAGTGCAGCTCAACGGCTCGGCCGCCAGTCACGTCTGCACCAAGACAGCGGCCTGGGC
 TACAAGGATCTGGACCTCATCTTCTGCGCCGACCTGCGTGGGAAGAAGAGTTTCAGACTGTGAAGGACG
 TCGTGCTGGATTGCTGTAGACTTCTTCCCGAAGGGGTGAACAAGGAGAAGATCACGCCGCTCACTCT
 CAAGGAAGCGTATGTGCAGAAAATGGTTAAAGTGTGAATGATTCTGACCGGTGGAGCCTTATATCCCTG
 TCAAACAACAGCGGCAAAAATGTGGAGCTGAAGTTTGTGGATTCCCTCCGAGGCAGTTTGAATTAGTG
 TAGATTCTTTCAAATCAAATTAGACTCTCTTCTCCTCTTTACGAGTGTTCAGAGAACCAATGACCGA
 GACATTTACCCACCATTAATCGCGAGAGTGTCTACGGTGAATTCACGAAGCCTTCGATCACCTTTGC
 AACAGATCATTGCCACCAGAAACCCGAGGAAATAAGAGGAGGAGGCCTGCTTAAGTACTGCAACCTCT
 TAGTGCGGGGCTTCAGGCCTGCCTCTGAGGAGATCAAGACCTTCAGAGGTACATGTGTTCCAGGTTCTT
 TATTGACTTCTCAGACATCGGAGAGCAGAGAGAAAGCTGGAATCCTACTTGCAGAACCACTTCGTGGGC
 TTGGAAGACCGCAAGTATGACTATCTCATGACCTCCACGGAGTGGTAACGAGAGTACGGTGTGCCTGA
 TGGGACATGAGAGAAGGCAGACTTAAACCTTATCACCATGCTGGCAATCCGGGTGCTAGCTGACCAAAA
 TGTCAATTCCTAATGTGGCTAATGTCACTTGTCTATTACCAGCCGGCCCCCTATGTCGCAGATGCTAACTTT
 AGCAATTACTACATCGCACAGGTTAGCCAGTATTACATGCCAGCAGCAGAGCTATTCTACTTGTTAC
 CCGCAATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106844

Insert Size: 1341 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_001106844.1, NP_001100314.1
RefSeq Size: 2474 bp
RefSeq ORF: 1341 bp
Locus ID: 300870
Cytogenetics: 8q31