

Product datasheet for **RN211294**

Fam46b (NM_001107907) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam46b (NM_001107907) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam46b
Synonyms:	RGD1308967
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211294 representing NM_001107907
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCCGTGCGAGAGTGGAGATGAGAGCCTGGAGCAGCCAGCTGCGCAGGTGGGGACCGGTGCAGCCT
 CGGCAGTGGCCACGGCTGGGGCGGCCGGCGGCCCGGACCTGGAGGCCTCCTCGGCCTCTCTGGGACG
 GCACCAGAGCCGACTGAGCTGGCCACAGGTGAAGCGGCTGGACGCGCTGCTCAAAGAGCCATCCCCATT
 CACGGGCGAGGCAACTTCCCCACGCTGAGCGTGAACCCAGCAGATTGTACAGGTAGTTCGACGTAGCT
 TGAAGAACAGGGACTGCATGTCCATAGCGTGCCTTGCACGGCTCAGCTGCGAGCCACGTGCTGCACCC
 GGAGAGTGGCCTAGGCTACAAGGACCTGGACCTGGTGTTCAGATGGACCTGCAGAGTGGAGCATCCTTC
 CAGCTGACCAAGGCTGTGGTCTGGCTTGCTGCTGGACTTCTGCCTGCGGGAGTGAGCCGGGCAAGA
 TAACGCCGCTGACTCAAGGAGGCTATGTGCAGAACTGGTAAAAGTGTGCACAGACCTGGACCGCTG
 GAGCCTCATCTACTGTCCAACAAGAGCGCAAGAATGTGAACTCAAGTTCGTGGACTCCGTGAGCGC
 CAGTTCGAATTCAGCATCGACTCCTTTCAGATCATCCTGGACTCGCTGCTCCTTTGGCCAGTGCTCAT
 CCACACCAATGTCGGAGGCCCTCCACCCTACGGTACTGGTGAGAGCCTGTATGGGGACTTCGCGGAGGC
 CTTGGAGCACCTGCAGCACCGCGTCATTGCCACACGCAGCCCCGAGGAGATCCGAGGTGGCGGCCTCCTC
 AAATACTGCCACCTCCTGGTACGGGGTTTCCGGCCAAGGCCAGCACTGATGTTCCGCGCCCTACAGAGAT
 ATATGTGTTCCCGTTTCTTCATCGACTTTCAGACCCGGTGAACAGAGGCGCATTCTGGAGCGTACCT
 GGAGGCCCACTTCGGCGGAGCAGAAGCAGCCCGCCGGTATGCTTGCTTGTGACTGCACCGGGTGGTC
 AACGAGACACAGTGTGCTCATGAGCCAGGAGCGCCCGCCAGACCCTGGACCTTATTACCATGCTAGCCC
 TCCAGGCACTAGCGGAGCAGGGCCCTGCTGCCATGGCTGCCCTGGCCTGGCGACGCTCTGGCTCAGATGG
 GGTGTACCAGCCACCGTTAATTAATCATGTGACCCCATGCAGCCTCTGCTGCCCCGCGCTCACTCCTAT
 CCTACCTGGCTGCCTGCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107907

Insert Size: 1284 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_001107907.2](#), [NP_001101377.1](#)

RefSeq Size: 1724 bp
RefSeq ORF: 1284 bp
Locus ID: 313019
UniProt ID: [B0BNK8](#)
Cytogenetics: 5q36
Gene Summary: Probable nucleotidyltransferase that may act as a non-canonical poly(A) RNA polymerase.
[UniProtKB/Swiss-Prot Function]