

Product datasheet for **RN214082**

Fam83a (NM_001130576) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam83a (NM_001130576) Rat Untagged Clone
Tag: Tag Free
Symbol: Fam83a
Synonyms: RGD1565606
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214082 representing NM_001130576
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCCGGTCAAGGCATGTGGCAAGATCCGAAACGTCTGGAAGATGTCAAGAACCAGTGGATCCGGC
 CAGCCAGAGCTGATTTTAGTGATAATGAGAGCGCCCGGCTGGCCACAGATGCCCTCTGGATGGGGTCC
 AGAGGCTTATTGGCGGCTCTCAGCCAGGAAGGAGAGGTAGACTTCTGTCTCGGCAGAGGCCAGTAC
 ATTCAGGATCAGGCCAAGGAGCCCCCGGTGCCCCAGATCTTGACAGGAGGACCGAGTCAGGACCCAGAG
 GACTGGACTCCTGCTCTTACAATCAGGTACCTACTTCCCTGTGGCTTCGGAAGGCAGTGAACCTGCTCT
 GCTACACACCTGGACCTTGGCTGAGAAGCCCTACATGAAGGAAAAGTCCACCGCCACTGTCTACTCCAG
 ATGGACAAACACAACAACATCAGAGACTTGGTCCGCCGCTGCATCTCCCGGGCCAGCCAGGTCTGGCCA
 TCCTGATGGATGTGTTACGGATGTGGAGATCTTTGTGACATCTAGAGGCAGCCAACAAGCGTGGGGT
 ATTTGTCTGTGTCTTCTGGATCAGGGAGGTGTGAAGCTTCCAGGAGATGTGTGACAAAATCCAGATC
 TCTGATATTCATCTCAAGAACATCTCCATCAGGAGTGTGGAGGGGAGGTGTACTGTGCCAAGTCAGGCA
 GGAAATTTTCGGCCAAATCCAAGAGAAGTTCATCATCTCAGACTGGAGTTTGTCTTATCCGGATCATA
 CAGCTTCTCTGGCTCTGTGGACAGTGCACAGGAACATCCTCTCCAAGTTCACGGCCAGGCGGTGGAG
 CTGTTTGTGAGGAATTCGACGCCTCTACGCCTCCTCCAAGCCCTGATGGGTCTGAAGTCCCCGAGGC
 TGGTCGCCCACTCCAATCCAGCAAGGGCCAGAAAGCCCAATGGCCGCTCAGTGGCAGCAGTGACTC
 TGCCAGTGACCGCACCTCCTCAACCCCTCAGCAGCCTGTCGACTGGCAGCAACACCCACAACCGGAGT
 CTATCCACGTCTCAGGGCCGGCAGTCCCCTGGCCCCATCCCACCCGTGGTTCGAAGGCTGCAGCCCT
 ATCACAGTACCCGGAGAGCCGTGGCCCCACAGGATCTCTTGGTCCCATGAGACCCATAAGGGAGCACC
 AGCTCCCTACAGCAGCTCATGGCTACAGGCCACCCGGCTGCAGCTGCAGGAGCTCGGCTGGTGCC
 AGGGTACTCAACCTGGAGCCTTTTCTACAGGCCTTACCTCATTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001130576
Insert Size:	1311 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:	<ol style="list-style-type: none">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:	<u>NM_001130576.1, NP_001124048.1</u>
RefSeq Size:	1473 bp
RefSeq ORF:	1311 bp
Locus ID:	500873
Cytogenetics:	7q33