

Product datasheet for **RN210038**

Fam98a (NM_001014073) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam98a (NM_001014073) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam98a
Synonyms:	RGD1305486
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN210038 representing NM_001014073
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGTGTGACCTCATGGAGACTGACATCTTGGAGTCGTTGGAAGATCTAGGTTACAAGGGCCCATTGT
 TGGATGATGGTGCACTGTTGCAGGCCGTCTCTGCTGGAGCCGCTTCCCCTGAGTTTACAAACTCTGTGC
 TTGGCTGGTGTCTGAATTAAGAGTCCTCTGTAAGTAAAGAAAATGTGCAGGCAACTAACAGTCCAAGT
 GAAGCTGAAGAATTCCAGCTTGAGGTGAGTGGGCTACTTGGGAGATGAAGTCCCATATCCTTGTCTGA
 CATCTGGGGATGTGACCAAGCGCCTTCTTGTTCAGAAGAACTGCCTCCTTTTGTCTACATACCTCATCTC
 AGAACTAGAAGCTGCCAGAATGCTCTGTGTGAATGCTCTCCAAAAAAGCTCAAGAAGGAGGCGGTAGT
 GAGGTCTTCAAGAGTTGAAAGGCATATGTATTGCTCTAGGAATGTCCAAACCTCCAGCCAATATAACTA
 TGTTCCAATTCTCAGCGGGATTGAGAAAAAATTAAAGGAAACATTAGCAAAAGTTCCACCTAATCATGT
 GGGAAAGCCGCTATTGAAGAAGTCGATGGGACCGGCCACTGGGAAAAGATAGAAGCCATTAACCAAGCC
 ATAGCCAATGAATATGAAGTTCCGAGGAAGCTGCTAATCAAACGTTTGGATGTCACTGTCCAGTCCCTTG
 GCTGGTCTGACAGAGCTAAGAGTCAAACAGAAAAATTAGCTAAGGTTTACCAGCCAAAGCGTTTCAGTCTT
 GTCTCCCAAAGGTAATATTTCCATTGCTCATCTTTTGGCCGCCAGACAAGACTTGTCAAAGATTTTAAGG
 ACAAGCAGTGGGTCCATAAGAGAAAAGACTGCCTGTGCCATTAATAAGGTGCTGATGGGCAGGGTGCCTG
 ACAGAGGTGGCAGACCTAATGAAATTGAGCCTCCGCCCCAGAGATGCCACCGTGGCAGAAGAGACAAGA
 TGGCCCCCAGCAGCAAGCAGGAGGCCGAGGCGGAGGGAGAGGTGGTTATGAACATTCTCATATGGAGGA
 CGAGGAGGTGATGAACAAGGAGGGCGAGGTGGACGTGGTGGCTATGACCACGGTGGCCGAGGGGGAGGAA
 GAGGAAATAAGCACCAAGGAGGCTGGACAGACGGAGGTAGTGCAAGTGGAGGTGGCTACCAAGGTGGTGGC
 TTATCGAGATCCGGGCTTCCAGCCTGGTGGCTATCATGGTGGCCACAGCAGTGGCTACCAAGGTGGTGGC
 TATGGTGGTTTCCAAACATCTTCATATACAGGAAGTGGATACCAGGGTGGTGGCTACCAGCAGGACAATA
 GATACCAAGATGGCGGGCACCATGGCGAACGAGGCACTGGTCTGGGGGCGAGAGGTGGTCGAGGAGGTGCG
 GGGAGGACGTGGAAGCCAGGGAGGAGGCTGGGGAGGAAGAGGGAGCCAGACTTATACCAAGGGGGCCAG
 TTTGAACAGCACTTCCAACATGGAGGCTATCAGTATAGTCATTCTGGATTGGACAAGGAAGACATTATA
 CTAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014073

Insert Size: 1548 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:	<u>NM_001014073.1, NP_001014095.1</u>
RefSeq Size:	2725 bp
RefSeq ORF:	1548 bp
Locus ID:	313873
UniProt ID:	<u>Q5FWT1</u>
Cytogenetics:	6q12
Gene Summary:	Positively stimulates PRMT1-induced protein arginine methylation. Involved in skeletal homeostasis. Positively regulates lysosome peripheral distribution and ruffled border formation in osteoclasts.[UniProtKB/Swiss-Prot Function]