

Product datasheet for **RN200808**

Fam178b (NM_001122658) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam178b (NM_001122658) Rat Untagged Clone
Tag: Tag Free
Symbol: Fam178b
Synonyms: RGD1564591
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200808 representing NM_001122658
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGATGCCGCGGACTCATTCCCCTGACTGGAGCCACCACCTGTAGAGTTCCTAAACAAGAGCA
 AGAAGGTACCTCCTGCTAGAAGGAGGCCCTGGAGACTTGGAGATGGACCTTCCAGATTCAGACCAGAA
 GGTGGAGCTGGCCTCACTGGAGGAGCTTCTGGAACATGTCAGGTCCAAGCCAACAACAGGCTGGGACC
 CCGGAGGTTTCGCTCGGGGCTCGGAGTCTATGTCAATAATTTAGATTACTTACTGCAAGAAAAGAGGG
 AGCAGGCCCTGGAGCAGGAATGGGAGCAGCTGCTGCAGCAGGAACATCCCAGGCTAGAGTCTCTACTCG
 TGATGACGACGACAGAGAAGCAGTGTCTCACACCTGAGCACAGGATGCTGGTGGAGAAGTTCTCCGTGTC
 CTGCAGGTCATCCACCAGTGCACCCAGGTGAACTGTATTCTTGCCCTAGGCGTCACCCCTTTCCTTGCT
 TCCTGGACTCCTCTAGTCTAAGGCCACACAGCCAATTGGAAGAGCTCTTCCTCAGGTCCTCACTGCCGA
 GCAGCTCCTCTTCTGCACAATGGCTTCCTGAGCAACCTCTACCTGCATGCTGCTGATTGCCCTCGGCC
 CTGGCTGCGGTGGCTGTTCCAGTTGTTAACATGGCCTCCAGAAACATCTTCGAGAGCATTTGGTCTCCTCT
 GGGATCTCAGTATAGACGGGCTGTTCCGTCAGCCTGATGAAGACATGCGTTTGTGGTATCCCTCACTGCA
 AGAGGTCAAGGAGGTGTTCCGCTGCCTGGGAGCCTACAACCCTGCCTGTACCCACATGGGCCCTCCAG
 CACAGCTCAAGGGCGCTTGAGAGTGAGGCCAGCCTGGGCTGCTGGGAACACAGGATCCTCCCCAGGAAG
 TGGCTTTGGACATTAAGCTGAGCTACATCTACAGGTTCTGATCCTGTGTTTCTAGTCCAGCCAACATC
 CTACACTGATGCCAGCATCTTAGGCCTGATGGAGCTGTTGTGTCGCGCAGGCCTGGATGTGGGGTTGCGC
 CTGCTGCCAAGACCGACCTCCAGCAACTCCTGCTCCTGCTGCTGGAGAACATCCAAGAGTGGCCTGGAA
 AGCTCCAGCCCCGTGCTGCGCCCTGAGCTGGGTGTCGACCACCACCACAACCTGCTGACCCTGTACA
 GTTCTTCTGGACGCAACACCCCGGGCAGGTGGGTGCTTCTCAGCCACTCTGCCTACTCCCTGATGCTC
 ATCCCCTACCAACCCCAACAACTGTCTGCCTGGTTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001122658
Insert Size:	1305 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_001122658.1</u> , <u>NP_001116130.1</u>
RefSeq Size:	1721 bp
RefSeq ORF:	1305 bp
Locus ID:	501125
Cytogenetics:	9q21