

Product datasheet for **MC227219**

Fam118b (NM_001286604) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam118b (NM_001286604) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam118b
Synonyms: 2310022O21Rik; 2700018L24Rik; C030004A17Rik; Ppp4r1l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227219 representing NM_001286604
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTTCTACAGGGAGCCAGGCCTCTGATAAAAAACAAGATTTTGGATTCTTCAATGATGGCGAACCC
CCACAAAAAGCCAGGAAGCTGCTTCCAAGCCTGAAAACAAAAAGCCTCGAGAACTTGTGCTGGTGAT
TGGGACAGGCATCAGTGTGCGGTTGCACCGCAGGTCCCAGCCCTGAAATCCTGGAAGGGCTTAATCCAG
GCCTTACTGGATGCTGCTATTGATTTTATGCTTTTAGAAGACGAGGAAAGCAAAAAGTTTCAGAAGTGTC
TCCATGAAGACAAGAACCTCGTCCATGTCGCCATGACCTCATTAGAACTCTCCCTCGTACCAGTAA
TGTTTCGATCCACATTTTTCAAAGACTGTTTATATGAAGTATTTGATGACCTGGAATCAAAGATGGAAGAT
TCTGGAAAACAGCTCCTTCAGTCTGTTCTCCATCTGATGGAAAATGGAGCCCTAGTATTAACATAAAAT
TTGATAATCTCCTAGAAGTCTATGCAGCTGACCAGGAAAACAGCTTGAATCCCTTGACCTTACTGATGA
GAAAAAGGTCTGGAGTGGGCTCAGGAGAAGCGGAAGCTAAGTGTGCTACACATCCATGGGGTCTACACC
AATCCTAGCGGCATTGTCTCCACCCAGCTGGATATCAGAATGTGCTCAGGAACACTGAAGTTATGAGAG
AGATTAGAAAACCTATGAAAACAAGTCAATTTCTTTTCTGGGTTGTGGCTGGACAGTGGACGACACCAC
TTTCCAGGCCCTGTTCTAGAGGCCGTCAGCATAAATCTGACCTAGAACATTTTCATGTTGGTTCCGGAGA
GGAGATGTAGATGAATCAAGAAGCTTCGAGAAAACATGTTGGACAAGGGGATAAAGGTCATCTCCTATG
GAAATGACTATGCTGATCTTCCAGAATATTTCAAACGACTGACATGTGAGATCTCCACAAGAGGCAGATC
AGCAGGGATGGCAAGAGAAGGTCAGCTAAATGGTTCATCTGCAGCACATGGTGAATAAAGAGGCTGTAGT
ACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286604



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Insert Size:	1056 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001286604.1, NP_001273533.1</u>
RefSeq Size:	2045 bp
RefSeq ORF:	1056 bp
Locus ID:	109229
UniProt ID:	<u>Q8C569</u>
Cytogenetics:	9 A4
Gene Summary:	May play a role in Cajal bodies formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) represents the longest transcript and encodes the longer isoform (1). Variants 1 and 3 encode the same protein.