

## Product datasheet for **MC218835**

### **Fip111 (NM\_024183) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fip111 (NM_024183) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fip111
Synonyms:	1300019H17Rik; Rje
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218835 representing NM\_024183  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCGGCCGGCAGGTGGAGCGCTGGTGGAGCTGAGCGCGGGACCGAGGGGATGAGGAGGAAGAGT  
GGCTGTATGGCGGCCCGTGGGACGTGCATGTGCACAGTGACTTGGCAAAGGATCTAGATGAGAATGAAGT  
TGAAAGGCCAGAAGAAGAAAATGCCAGTCTAATCCTCCATCTGGAATTGAAGAAGAAGCTGCTGAAAAAT  
GGCGTGGCAAACCGAAAGTGACAGAGACTGAAGACGACAGTGATAGTGACAGTGACGATGATGAAGATG  
ATGTTACGTCCTATAGGAGACATCAAAACAGGAGCACCACAGTATGGGAGTTATGGAACAGCACCAGT  
AAATCTTAATATCAAGGCAGGGGAAGAGTTTATGAAAATACAGGAACCAAAGTCAAAGGAGTGGACCTC  
GATGCACCTGGCAGCATTAAATGGAGTCCACTCTTGAAGTAGATCTGGATTCTTTTGAAGATAAACCAT  
GGCGGAAACCTGGTGTGATCTTTCTGATTATTTAACTATGGCTTTAATGAAGATACTTGGAAAGCTTA  
CTGTGAAAAACAAAAGAGGATACGAATGGGACTGGAAGTTATACCTGTTACTTCAACCACAAACAAGATT  
ACGGTACAGCAAGGGAGAACTGGAAATTCAGAGAAAGAAGCAGCACTTCCATCTACAAAAGCTGAGTTTA  
CTTCTCCGCCATCATTGTTCAAGACTGGTCTGCCACCAAGCAGGAGATTACCTGGAGCAATTGATGTCAT  
TGGTCAAACAATAACCATCAGCCGAGTGAAGGAAGACGGCGTGCAATGAGAACAGCAATATACAGGTC  
CTTTCTGACAGATCTGCCACTGAAGTAGACAACAATTTCCAGAAACCACCTCCATTTTTCCCTCCAGGGG  
CTCCTCTACTCACCTTCTCCTCCTCCATTTCTCCACCACCTCCAAGTGCAGCACCAGCCACCTCT  
CATTCCACCACCGGATTTCCAATAACTGTACCACCTCCAGGTTTCCCCCTCCACCAGGCGCCCACTCT  
CCATCTCTTATACCAACAATAGAAAGTGGCCATTCCTCCGGGTATGACAGCCGTTCTGCACGAGCGTTTC  
CCTATGGCAATGTCGCCCTTTCCACCTTACCAGTTCTGCTCCCTCATGGCCGAGCCTTGTGGACACCAC  
CAAGCAGTGGGACTATTATGCAAGGAGAGAAAAAGACCGAGACCAGCCGGGAGAGAGACCGAGACAGA  
GAGCGAGAGCGGGACCGGACAGAGAAAGGAGCGCACCCGGGAGCGGGAGCGAGAGCGGACACAGCC  
CCACCCCAAGTGTTTTCAACAGTGACGAAGAGCGATACAGATACAGGGAGTATGCAGAGAGAGGCTATGA  
GCGCCATAGAGCTAGTCGGGAGAAAGAAGAGCGGCACAGAGAACGACGTACAGAGAGAAGGAGGAAACA  
AGACACAAGTCTCTCGCAGTAATAGTAGAGCTGCCATGAAAGTGAAGAAGGGGACAGTACAGAAAGAC  
ACAAGCACAAAAGTCTAAAAGAAGCAAAGAAGGAAAAGAGGCTGGCAGCGAGCCGGTCCAGAACAGGA  
GAGCACCGAAGCCGCCCTGCCGAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_024183

**Insert Size:** 1638 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\\_024183.5](#), [NP\\_077145.2](#)

**RefSeq Size:** 2974 bp

**RefSeq ORF:** 1638 bp

**Locus ID:** 66899

**UniProt ID:** [Q9D824](#)

**Cytogenetics:** 5 C3.3

**Gene Summary:** Component of the cleavage and polyadenylation specificity factor (CPSF) complex that plays a key role in pre-mRNA 3'-end formation, recognizing the AAUAAA signal sequence and interacting with poly(A) polymerase and other factors to bring about cleavage and poly(A) addition. FIP1L1 contributes to poly(A) site recognition and stimulates poly(A) addition. Binds to U-rich RNA sequence elements surrounding the poly(A) site. May act to tether poly(A) polymerase to the CPSF complex (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.