

Product datasheet for **MC219307**

Fip111 (NM_001159573) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fip111 (NM_001159573) 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: >MC219307 representing NM_001159573
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCCGGCAGGTGGAGCGCTGGTGGAGCTGAGCGCGGGACCGAGGGGATGAGGAGGAAGAGT
 GGCTGTATGGCGGCCCGTGGGACGTGCATGTGCACAGTGACTTGGCAAAGGATCTAGATGAGAATGAAGT
 TGAAAGGCCAGAAGAAGAAAATGCCAGTCTAATCCTCCATCTGGAATTGAAGAAGAAGCTGCTGAAAAT
 GGCGTGGCAAACCGAAAGTGACAGAGACTGAAGACGACAGTGATAGTGACAGTGACGATGATGAAGATG
 ATGTTACGTCCTATAGGAGACATCAAACAGGAGCACCACAGTATGGGAGTTATGGAACAGCACCAGT
 AAATCTTAATATCAAGGCAGGGGAAGAGTTTATGAAAATACAGGAACCAAAGTCAAAGGAGTGGACCTC
 GATGCACCTGGCAGCATTAAATGGAGTCCACTCTTGAAGTAGATCTGGATTCTTTTGAAGATAAACCAT
 GCGGAAACCTGGTGTGATCTTTCTGATTATTTAACTATGGCTTTAATGAAGATACTTGGAAAGCTTA
 CTGTGAAAAACAAAAGAGGATACGAATGGGACTGGAAGTTATACCTGTTACTTCAACCACAAACAAGATT
 ACGGTACAGCAAGGGAGAACTGGAAATTCAGAGAAAGAAGCAGCACTTCCATCTACAAAAGCTGAGTTTA
 TTCTCCGCCATCATTGTTCAAGACTGGTCTGCCACCAAGCAGAAACAGCACCTCTTCTCAGTCTCAGAC
 AAGTACTGCCTCCAGAAAAGCCAGTTCAAGCGTTGGAAAGTGGCAGGATCGATATGGGAGGGCCGAGTCA
 CCTGATCTAAGGAGATTACCTGGAGCAATTGATGTCATTGGTCAAACAATAACCATCAGCCGAGTGGAAAG
 GAAGACGGCGTGCAAATGAGAACAGCAATATACAGGTCCTTTCTGACAGATCTGCCACTGAAGTAGACAA
 CAATTTACAGAAACCACCTCCATTTTCCCTCCAGGGCTCCTCCTACTCACCTTCTCCTCCTCCATTT
 CTCCCACACCTCCAACCTGTGACACCGCCACCTCTCATTCCACCACCAGGTATTCCAATAACTGTAC
 CACCTCCAGGTTTCCCCCTCCACCAGGGCCACCTCCATCTTTATACCAACAATAGAAGTGGCCA
 TTCTCCGGGTATGACAGCGTTCTGCAGAGCGTTTCCCTATGGCAATGTCGCCTTTCCCACCTTACC
 AGTTCTGCTCCCTCATGGCCGAGCCTTGTGGACACCACCAAGCAGTGGGACTATTATGCAAGGAGAGAAA
 AAGACCGAGACCGAGACCGGGAGAGAGACCGAGACAGAGAGCGAGAGCGGGACCGGGACAGAGAAAGGA
 GCGCACCCGGGAGCGGGAGCGAGAGCGGACACAGCCCAAGTGTTCACAGTGACGAAGAG
 CGATACAGATACAGGGAGTATGCAGAGAGAGGCTATGAGCGCCATAGAGCTAGTCGGGAGAAAGAAGAGC
 GGCACAGAGAACGACGTACAGAGAGAAGGAGGAAACAAGACACAAGTCTCTCGCAGTAATAGTAGACG
 TCGCCATGAAAGTGAAGAAGGGACAGTACAGAAAGACACAAGCACAAGTCTAAAAGAAGCAAAGAA
 GGAAAAGAGGCTGGCAGCGAGCCGGTCCAGAACAGGAGAGCACCGAAGCCGCCCTGCCGAG**TAG**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001159573
- Insert Size:** 1746 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_001159573.1](#), [NP_001153045.1](#)

RefSeq Size: 3082 bp

RefSeq ORF: 1746 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 (1) represents the longest transcript and encodes the longest isoform (1).