

Product datasheet for **MR218745**

Fip111 (NM_001159574) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fip111 (NM_001159574) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fip111
Synonyms:	1300019H17Rik; Rje
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR218745 representing NM_001159574
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGCCGGCAGGTGGAGCGCTGGTGGAGCTGAGCGCGGGACCGAGGGGATGAGGAGGAAGAGT
 GGCTGTATGGCGGCCCGTGGGACGTGCATGTGCACAGTGACTTGGCAAAGGATCTAGATGAGAATGAAGT
 TGAAAGGCCAGAAGAAGAAAATGCCAGTCTAATCCTCCATCTGGAATTGAAGAAGAAGCTGCTGAAAAT
 GGCGTGGCAAACCGAAAGTGACAGAGACTGAAGACGACAGTGATAGTGACAGTGACGATGATGAAGATG
 ATGTTACGTCCTATAGGAGACATCAAAACAGGAGCACCACAGTATGGGAGTTATGGAACAGCACCAGT
 AAATCTTAATATCAAGGCAGGGGAAGAGTTTATGAAAATACAGGAACCAAAGTCAAAGGAGTGGACCTC
 GATGCACCTGGCAGCATTAAATGGAGTCCACTCTTGAAGTAGATCTGGATTCTTTTGAAGATAAACCAT
 GCGGAAACCTGGTGTGATCTTTCTGATTATTTAACTATGGCTTTAATGAAGATACTTGGAAAGCTTA
 CTGTGAAAAACAAAAGAGGATACGAATGGGACTGGAAGTTATACCTGTTACTTCAACCACAAACAAGATT
 ACGGTACAGCAAGGGAGAACTGGAAATTCAGAGAAAGAAGCAGCACTTCCATCTACAAAAGCTGAGTTTA
 CTCTCCGCCATCATTGTTCAAGACTGGTCTGCCACCAAGCAGGAGATTACCTGGAGCAATTGATGTCAT
 TGGTCAAACAATAACCATCAGCCGAGTGAAGGAAGACGGCGTGCAATGAGAACAGCAATATACAGGTC
 CTTTCTGACAGATCTGCCACTGAAGTAGACAACAATTTAGCAAACACCTCCATTTTTCCCTCCAGGGG
 CTCTCTACTCACCTTCTCTCTCTCCATTTCTCCACCACCTCCAAGTGCAGCACCGCCCACTCT
 CATTCCACCACAGGTTTCCCCCTCCACCAGGCGCCCACTCCATCTTTATACCAACAATAGAAAGT
 GGCCATTCTCCGGGTATGACAGCCGTTCTGCACGAGCGTTTCCCTATGGCAATGTCGCCTTTCCCACC
 TTACCAGTTCTGCTCCCTCATGGCCGAGCCTTGTTGGACACCACCAAGCAGTGGGACTATTATGCAAGGAG
 AGAAAAAGACCGAGACCGAGACCGGGAGAGACCGGAGACAGAGAGCGAGAGCGGGACCGGACAGAGAA
 AGGGAGCGCACCCGGGAGCGGGAGCGAGAGCGCACACAGCCCAACCAAGTGTTCACAGTGACG
 AAGAGCGATACAGATACAGGAGTATGCAGAGAGAGGCTATGAGCGCCATAGAGCTAGTCGGGAGAAAGA
 AGAGCGGCACAGAGAACGACGTACAGAGAGAAGGAGGAAACAAGACACAAGTCTCTCGCAGTAATAGT
 AGAGCTCGCCATGAAAGTGAAGAAGGGGACAGTACAGAAAGACACAAGCACAAAAGTCTAAAAGAAAGCA
 AAGAAGGAAAAGAGGCTGGCAGCGAGCCGGTCCCAGAACAGGAGAGCACCGAAGCCGCCCTGCCGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218745 representing NM_001159574
 Red=Cloning site Green=Tags(s)

MSAGEVERLVELSGGTGGDEEEEWLYGGPVDVHVSIDLAKDLDENEVERPEEENASANPPSGIEEEAAEN
 GVAKPKVTETEDSDSDSDDDEDDVHVTIGDIKTGAPQYGSYGTAPVNLNIKAGGRVYNGTGTKVKGVDL
 DAPGSINGVPLLEVDLDSFEDKPWRKPGADLSDYFNFGFNEDTWKAYCEKQKRIRMGLEVIPVTSTTNKI
 TVQQGRTGNSEKEAALPSTKAFTSPPSLFKTGLPSSRRLPGAIDVIGQITISRVEGRRRANENSNIQV
 LSDRSATEVDNNSKPPPPFPFGAPPHLPPPPFLPPPPTVSTAPPLIPPPGFPPPPGAPPPSLIPTIES
 GHSSGYDSRSARAFYPGNVAFPHLTSSAPSWPSLVDTTKQWDYYARREKDRDRDRERDRERDRDRERE
 RERTRERERERDHSPTPSVFNSDEERYRYREYAERGERHRASREKEERHRERRHREKEETRHKSSRSNS
 RRRHESEEGDSHRRHKHKKSKRSKEGKEAGSEPVPEQESTEAPAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001159574

ORF Size: 1608 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001159574.2](#)

RefSeq Size: 2947 bp

RefSeq ORF: 1611 bp

Locus ID: 66899

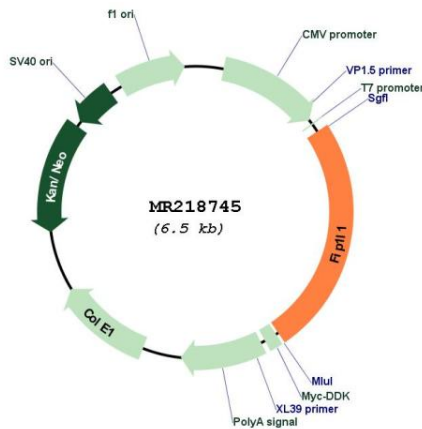
UniProt ID: [Q9D824](#)

Cytogenetics: 5 C3.3

MW: 60.6 kDa

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]

Product images:



Circular map for MR218745