

Product datasheet for **MR215977**

Fip111 (NM_001159573) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fip111 (NM_001159573) 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)



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ORF Nucleotide Sequence:

>MR215977 representing NM_001159573
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGCCGGCAGGTGGAGCGCTGGTGGAGCTGAGCGCGGGACCGAGGGGATGAGGAGGAAGAGT
 GGCTGTATGGCGGCCCGTGGGACGTGCATGTGCACAGTGACTTGGCAAAGGATCTAGATGAGAATGAAGT
 TGAAAGGCCAGAAGAAGAAAATGCCAGTCTAATCCTCCATCTGGAATTGAAGAAGAAGCTGCTGAAAA
 GGCGTGGCAAACCGAAAGTGACAGAGACTGAAGACGACAGTGATAGTGACAGTGACGATGATGAAGATG
 ATGTTACGTCACATATAGGAGACATCAAAACAGGAGCACCACAGTATGGGAGTTATGGAACAGCACCAGT
 AAATCTTAATATCAAGGCAGGGGAAGAGTTTATGAAAATACAGGAACCAAAGTCAAAGGAGTGGACCTC
 GATGCACCTGGCAGCATTAAATGGAGTCCACTCTTGAAGTAGATCTGGATTCTTTTGAAGATAAACCAT
 GCGGAAACCTGGTGTGATCTTTCTGATTATTTAACTATGGCTTAAATGAAGATACTTGGAAAGCTTA
 CTGTGAAAAACAAAAGAGGATACGAATGGGACTGGAAGTTATACCTGTTACTTCAACCACAAACAAGATT
 ACGGTACAGCAAGGGAGAACTGGAAATTCAGAGAAAGAAGCAGCACTTCCATCTACAAAAGCTGAGTTTA
 TTCTCCGCCATCATTGTTCAAGACTGGTCTGCCACCAAGCAGAAACAGCACCTCTTCTCAGTCTCAGAC
 AAGTACTGCCTCCAGAAAAGCCAGTTCAAGCGTTGGAAAGTGGCAGGATCGATATGGGAGGGCCGAGTCA
 CCTGATCTAAGGAGATTACCTGGAGCAATTGATGTCATTGGTCAAACAATAACCATCAGCCGAGTGGAAAG
 GAAGACGGCGTGCAATGAGAACAGCAATACAGGTCCTTTCTGACAGATCTGCCACTGAAGTAGACAA
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 CACCTCCAGGTTTCCCCCTCCACCAGGGCCCCACCTCCATCTTTATACCAACAATAGAAAGTGGCCA
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 GCGCACCCGGGAGCGGGAGCGAGAGCGGACCACAGCCCAAGTGTTCACAGTGACGAAGAG
 CGATACAGATACAGGGAGTATGCAGAGAGAGGCTATGAGCGCCATAGAGCTAGTCGGGAGAAAGAAGAGC
 GGCACAGAGAACGACGTACAGAGAGAAGGAGGAAACAAGACACAAGTCTCTCGCAGTAATAGTAGACG
 TCGCCATGAAAGTGAAGAAGGGACAGTACAGAAAGACACAAGCAGCAAAAAGTCTAAAAGAAGCAAAGAA
 GGAAAAGAGGCTGGCAGCGAGCCGGTCCAGAACAGGAGAGCACCGAAGCCGCCCTGCCGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215977 representing NM_001159573
 Red=Cloning site Green=Tags(s)

MSAGEVERLVELSGGTGGDEEEEWLYGGPVDVHVHSDLAKDLDENEVERPEEENASANPPSGIEEEAAEN
 GVAKPKVTETEDSDSDSDDDEDDVHVTIGDIKTGAPQYGSYGTAPVNLNIKAGGRVYNGTKVKGVLDL
 DAPGSINGVPLLEVDLDSFEDKPWRKPGADLSDYFNFGFNEDTWKAYCEKQKIRMGLEVIPVTSTTNKI
 TVQQGRTGNSEKEAALPSTKAFTSPPSLFKTGLPSPRNSTSSQSQTSTASRKASSSVGKWQDRYGRAES
 PDLRRLPGAIDVIGQITISRVEGRRRANENSNIQVLSRSATEVDNNSKPPPFPPPGAPPHLPPPPF
 LPPPTVSTAPPLIPPPGIPITVPPPGFPPPPGAPPSLIPTIESGHSSGYDSRSARAFYPYGNVAFPHLT
 SSAPSWPSLVDTTKQWDYYARREKDRDRDRERDRERDRERDRERDRERDRERDRERDRERDRERDRER
 RYRYREYAERGERHRASREKEERHRERHREKEETRHKSSRSNSRRRHESEEGDSHRRHKHKSKRSKE
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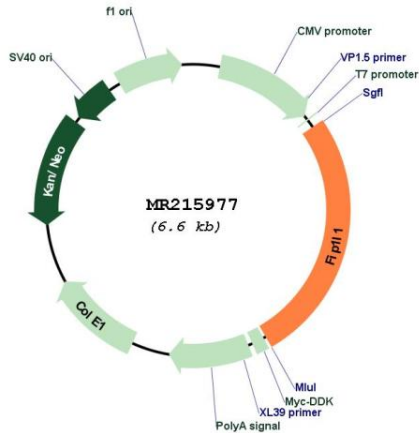
Restriction Sites:

Sgfl-Mlul

MW: 65.4 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 MR215977