

Product datasheet for **MC221453**

Afap111 (NM_178928) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Afap111 (NM_178928) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Afap111
Synonyms:	A1173486
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221453 representing NM_178928
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCGAAGCAGGGTCTGGAACAGCTAATCCAGAGCTCACCGACTCCTCAGCCTCTGGACCATG
 AGTATCTCAGCGACAGCACCCCTGGAGAAGAAGATGGCTGTGGCCTCCCTCCTGCAGAGCCTGCAGCCCT
 CCCAGCAAAGGAAGTCTCTTTCCCTGTATGTGAACACTGCAGACCTGCAGCTCGGGGCCAGCTTTGTGGAG
 TCTCTCTTTGAAGAATTCGACTGTGACCTGGGTGACCTTCGGGATATGTCGGACGATGGGGAACCCAGCA
 AAGGAGCCAGCCCTGAGCCAACCAAGAGCCCATCTCTGAGAAGCGCAGCTGCTGATGTGCCTCCACCCTT
 GCCCAACAAGCCCCGCCGAGGACTACTATGAAGAAGCCCTCCCTGGGGCCCGCAAGTCCCCCGAG
 TATATCAGCTCTACAATGGCTGCAGCCCTGCACAGTCGATTGTGGACGGTTACTACGAGGACGCAGACA
 ACAGCTACCCACCACAAGGATGAATGGAGAAGTGAAGAAGTCTACAATGACTCTGACGCCATGAGTAG
 CTCTATGAATCCTACGACGAGGAGGAGGAGGAAGAGAAGGGCGGCAGCCAAGCACCAGTGGCCCTCG
 GAAGAGGCCTCCATGCACCTGGTTAGGGACTGCAGGATATGTGCCTTCCTGCTTCGGAAGGAGCGCTTCG
 GGCAGTGGGCAAGCAGCTGACGGTCATCAAGGAGGAGCAGCTACTGTGTTACAAAAGCTCCAAGGACCG
 ACAGCCACACCTGAGGCTGGCGCTAGACGTCTGCACTGTCATCTATGTGCCAAGGACAGCAGGCACAAG
 CGGCACGAGCTGCGCTTCTCCAGGGGGCCACAGAGGTGTTAGTGTGGCTCTGCAGAGCAGGGAGCAGG
 CCGAGGAGTGGCTGAAGGTCATCCGAGAGGTGACCGGCCCATTTGTGGGAGCAGAGGGCTTGAGGTCCC
 CAGATCCCCAGTCATCCTATGCAAGGGGATCAGGACAAGAGGTTGTCCAAGAGAAACAGAAGTCAAGC
 TCCGACAGCCTGGGCATGAATGACAGTGGTCCACTCTCGGCCGTCGAGAAGCCTGTGAACATGCCAAAG
 GGAAGAAGAACAGCCTGGCTGAGCTTAAGGGCTCCATGAGCAGGGCTGCCGGCCGCAAGTCAAGCGCAT
 CATCAGTTTTCTCAAGAAGAAGGCGCTGTCCGAGGACCTGCAGACATTCTCCAGTGAGGACGAGGTTCCA
 TGCTGTGGCTACCTGAATGTGCTGGTAAACCAAGGCTGGAAGGAACGGTGGTGTGCGCTCAGGTGAACA
 CTCTCTATTTCCACAAAGACCGCACAGACCTGCACACCCACGTGAATTCCATAGCCCTCAGGGGCTGCGA
 GGTAGCCCCAGGCTTTGGACCCAGGCACCCCTTTGCCTCAGGATCCTGCGCAATCGACAGGAGGTGGCC
 ATCCTGGAGGCAAGCTGCTCAGAGGACATGGGCCGCTGGCTCGGTCTGCTGCTAGTGGAGATGGGCTCCA
 AAGTACCCCCAGAGGCACTGCATATGACTACGTGAGCTGGAGACCTTAACCAGCATCGTCAGTGTGG
 GCGCAACTCCTTCTGTATGCACAGTCTGCCAGGATCAGTGGCCTGAGCCCCGATCTACGATGAGGTT
 CCTTATGAAAAGGTGCAGGATGAGGAGCCCCAGCGCCCCACGGGGCTCAGGTGAAGCGCCACGCCTCCT
 CCTGCAGTGAGAAGTCCCACCGTGCAGGACCCGAGGTCAAAGTCAAGCGCCACGCCTCCAGTGCCATCA
 ATACAAGTACGGCAAGAACCAGGGCGGAGGAGGATGCCCGAAGGTACCTGGTAGAAAAAGAGAGGCTGGAG
 AAAGAGAAGGAAACGATTCGGACAGAAGTACGGCCTTGGCAGAGGAGAAGAAAGAGCTGAAGGAAGCCA
 TTCGGAACAACCCAGGAGCAAAGTCGAAGGCTTGAAGAGGCGCTGGCCACTCTGGAAGCTCAATGCCG
 TGCCAAGGAAGAGCAGAGGATCGACCTGGAGCTCAAGCTGGTAGCTGTGAAGGAGCGCTTGACAGCAGTCC
 CTGGCCGGGGTCCGGCCCTCGGTCTGTCCGTGAGCAACAAGAACAAGAGCCAAGACACTACAAATAAAC
 CCCAAAGCAATGCCCCAGAGCAATCTCTCCCTGTCAACTGTGTTTCTGAACTGAGAAAGAGGAGTCCATC
 CATTGTGACCTCCAACCAAGGGAGGGTGTACAGAAGGCCAAGGAATGGGAAATGAAGAAGACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178928
Insert Size: 2307 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:	<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:	NM_178928.4 , NP_849259.2
RefSeq Size:	3403 bp
RefSeq ORF:	2307 bp
Locus ID:	106877
UniProt ID:	Q8BZI0
Cytogenetics:	18 E1
Gene Summary:	May be involved in podosome and invadosome formation.[UniProtKB/Swiss-Prot Function]