

Product datasheet for **MC204075**

Afap1I2 (NM_146102) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Afap1I2 (NM_146102) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Afap1I2
Synonyms:	AU041783; C86904; mKIAA1914
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC031515
 CCGTGCCCGGGATGGAGCGCTACAAAGCACAGGGCTGTTGCTGTCTGGTGGTGCAGAGAAGAATCCTGCA
 GGTCTCTGCTTCCCTGGAGCAGCTGCTGACAGAGCTGGACGACTTCCTTAAGTCCCTCGACCAGGAGAAC
 CTGAGCAGTGACCCGTGCTGAAGAAGAGCGGCCCTGTGACAGCTCCTGCGGCTTTACACCAAGAGCAGCA
 GTTCTGATGAGGAGTATATTTACATGAACAAAGTGTGAGTCAACGGGAAACAAAACCTCAGCATCTCCAGA
 CAAAGTCCCAGGAGCAGGGTCCACTGACCAATGGGAGCCCAGCCAGCATTCCCTCAGCCCCTCAGAAG
 AGCCTTCCAGACCTCCCTCCGCCAAGATGATTCCAGAGAGGAAACAGCCACCCTTCCAAAGATCGAGT
 CCCCTGAGGGCTACTATGAAGAGGCTGAGCCATTTGACAGATCCATCAATGAGGATGGAGAGGCTGTGAG
 CAGCTCCTACGAGTCTACGATGAGGACGAGAACAGCAAAGGCAAGGCTGCCCTACCAGTGGCCCTCG
 CCCGAGGCCAGCATTGAGCTGATGCGTGTGATGCCCGCATCTGTGCCTTCTGTGGCGCAAGAAGTGGCTAG
 GCCAGTGGGCCAAGCAGCTCTGTGTGATCAGGGACACCAGGCTCTGTGTGCTACAAATCGTCCAAAGACCA
 CAGTCCCTCAGCTGGACGTGAACCTGCGGGCAGCAGCGTGTGCAACAAGGAGAAGCAAGTCCGGAAGAAA
 GGACACAAGCTCAAGATCACACCGATGAACGCTGACGTTATCGTGTGGGCTGCAGAGCAAGGACCAAG
 CTGAGCAGTGGCTTCGGGTTCATCCAGGAGGTGAGTGGCCTGCCTTCTGAAGGAGCCTCAGAGGAAAACCA
 GTACACACCAGATGCCCAGCGCCTCAACTGTGAGAAACCAGACATAGCTGAGAAGTACCTGTGAGCAGCG
 GAGTACGGGATCACCATCAACGGCCACCCTGAGATCCCAGAGACCAAAGATGTCAAGAAGAAATGCTCTG
 CTGGCCTCAAGCTGAGCAACCTTATGAACCTGGCAGGAAGAAATCTACCTCGCTGGAGCCCCGGAGAG
 ATCCCTTGAGACATCCAGCTACCTGAATGTGCTGGTGAACAGTCAATGGAAGTACGCTGGTGTCTCGTT
 AGAGACGCCACCTGCATTCTACCAGGACCGGAACCGGAGCAAGTGGCCAGCAGCCCTCAGCCTGG
 TGGGCTGTGACGTGCTTCCAGATCCTAGCCCGACCCACCTGTATTCTTCCGATTCTCCACAACCGCGA
 GGAGCTAGCCAAGCTTGAGGCCAAGTCTTCAGAGGAGATGGGCCACTGGCTAGGCCCTCCTGCTCTCAGAG
 TCGGGCTCCAAGACTGACCCGGAAGAGCTCACCTACGACTATGTGGATGCTGAAAGGGTTTCTGTATTG
 TGAGTGGCCAAAACCTCTCTTACTGATGCAGAGAAAGTTCTCAGAGCCCAACACATACATCGATGG
 CCTGCCAGCCGGGATTGCCAGGACGATCTGTATGATGATGTGGAGGTATCAGAGCTGATAGCCGTGGT
 GAGCCTGCCGAGGAAGCCGCCCTGCTGTGATGCTAACAGTGGTGTGAGCCAGACAGAGTCTACCTGG
 ATCTCACACCGGTCAAGTCTTCTGCACAGTAGCAGTGGGCTCAGGCCAGGCCTCTCTCCAGCAGT
 GCCACATCAGGACGATGTAGCTGAGACCCTCACAGTAGACCCAAAGCCAGGCACCACCCAGAGGAGCC



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CACACAGAGTCTCCAGGAGACCCAGAGGTGCAGCAGAGGCAACCAGAGGTTCAAGAGTCTTCAGAGCCTA
 TCGAGCCACCCCGGAATCACCATGGTTAAGCTACAGGCCGAGCAGCAGAGAATCTCCTCCCAGCCAA
 CTGCCAGACACCATGGCTTCTGCCCCCATCGCTGCCAGCCACCTGTGAAGGAGAAGCTGAGAGTGACC
 AGTGCAGAGATCAAACCTGGGAAGAATCGGACAGAGGCCGGAAGTAAAGCGGTACACGGAGGAGAAGGAGA
 GGCTGGAGAGGAGCAAGGAGGAGATCCGAGGGCACCTGGCTCAGCTCCGACAGAGAGAAGCGGGAGCTCAA
 AGAGACCTGTTGAGATGCACAGATAAGGGGGTCTGGCCAAGCTGGAGCAGACACTGAAGAAAAATAGAC
 GAGGAATGCCGGATGGAGGAGAGCAGGCGTGTGGACCTTGAGCTCAGCATCATGGAGGTGAAGGACAACC
 TGAAGAAGGCAGAGGCTGGGCCCGTGACCCTGGGCACCCTGTGGATACCACGCACCTGGACAACATGAG
 CCCTCGTCCACAGCCAAAGCTGCCACCCCAACCCCAACCAGACTCCACGCCAGTCAACTCTGCATCT
 GTGCTCAAGAACAGGCCTCTTCCGTCATGGTCACAGGCAAAGGCACTGTCTGCAGAAAGCCAAGGAAT
 GGGAGAAGAAAGGAGCCAGTTAGGAGACAAGAATTGCCTAAAGACTCTTATGTGACTGTGGACCTTGGTG
 ACAATCTGCTCTGGACAAGTCTTCAATAAAACAGCAACTCTGAGGAAAGGTGAGTCTGTTTACAAGACA
 AAGCAAGGGATGAGGCGCTCGCTGCAAACGGAGCTTCGGTTAAGAGAAGGCCCTGTCTCCTCTCAAGCC
 AAAGGGATCCCAGCAGCAGCATCGTGGTGGCATCTTGGAGTCGAAATCTACTGGCTGTCAATGAGACAA
 TGTACCTCCCTTTCTTTTAAAGATTCATCCATCACTCAACTGTTTTACCAAGATTTTTCAGGTGTG
 AAAAAATGACCACATTGCTTCTGGTTATGAGAAAAATCTAAATTCCTGACCCCTTATCTTTCATCTGT
 ATTTGGCAATGTTGAGGTTAAATCATGCATTGTCTTATGTTTCCCAATTGGGTGGGCTCCATGTGG
 TCTCTGATGGTCTTAAAGAACATTAGAACCCTGTAATCAGTAGAAGAGGGACATATTGGGAACCAAGCCA
 AGGCACTGACCCCTTGGGGTCACTAAGGACTTCCCCCAGTCCAGGAAAACCTTTAAACAATGCTGTATT
 ATATAGGGGAAAATTCCTGTGTTTACAGACTGCTCTGTGGCCAGGCCACTTTTAAAGAGTTGGTCAATTA
 CCTCTTACATTACCATTGTAAGATGTTTTAAATTTCTGGTCCCCTTGAAGGAAAACAGCCGTGAATTAG
 CCTGTCTAGTCTGTCAGACTGGCAGCCAGTGTCTTTATGTGCTGTCTCTCTGGGACAGCACTAGCAC
 AAGTTGATACATTTTCTGTTACCTGCCCATTTCTGAGCATTGGAACTAGTTACCTAACACTGGTTT
 CTGAAGGCTAAATGTTTTTACGCATATATTATTGCTTTTCTAATCCAGGCAATTTATTTCTGTATCAT
 AAACACTTGGTGACCTTTATCAAGTGGTGAATTTTAAATAAAATGTTTCATTGTAAAAA AAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_146102
- Insert Size:** 2310 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:** [BC031515](#), [AAH31515](#)
- RefSeq Size:** 3581 bp
- RefSeq ORF:** 2310 bp

Locus ID: 226250

UniProt ID: [Q5DTU0](#)

Cytogenetics: 19 D2

Gene Summary: May play a role in a signaling cascade by enhancing the kinase activity of SRC. Contributes to SRC-regulated transcription activation (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in its 5' UTR, lacks a portion of the 5' coding region, and uses a downstream start codon, compared to variant 1. The encoded isoform (3) is shorter at the N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.