

Product datasheet for **SC300352**

AFAP1L2 (NM_001001936) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AFAP1L2 (NM_001001936) Human Untagged Clone
Tag:	Tag Free
Symbol:	AFAP1L2
Synonyms:	CTB-1144G6.4; KIAA1914; XB130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

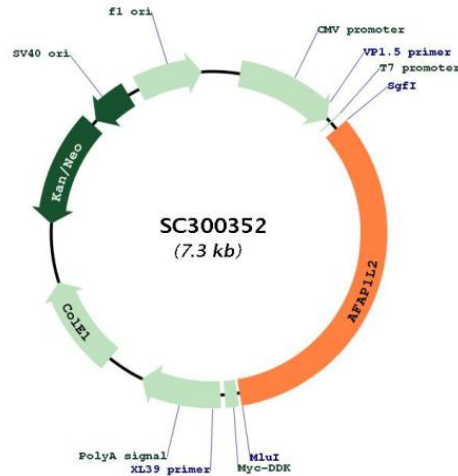


[View online »](#)

Fully Sequenced ORF: >SC300352 representing NM_001001936.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGAGCGGTACAAAGCCCTGGAACAGCTGTGACAGAGTTGGATGACTTCCTCAAGATTCTTGACCAG
GAGAACCCTGAGCAGCACAGCACTGGTGAAGAAGAGCTGCCTGGCGGAGCTCCTCCGGCTTTACACAAA
AGCAGCAGCTCTGATGAGGAGTACATTTATATGAACAAAGTGACCATCAACAAGCAACAGAATGCAGAG
TCTCAAGGCAAAGCGCCTGAGGAGCAGGGCCTGCTACCCAATGGGGAGGCCAGCCAGCACTCCTCGGCC
CCTCAGAAGAGCCTTCCAGACCTCCCGCCACCCAAGATGATTCCAGAACGGAAACAGCTTCCCATCCCA
AAGACGGAGTCTCCAGAGGGCTACTATGAAGAGGCTGAGCCATATGACACATCCCTCAATGAGGACGGGA
GAGGCTGTGAGCAGCTCCTACGAGTCTACGATGAAGAGGACGGCAGCAAGGGCAAGTCGGCCCCCTTAC
CAGTGGCCCTCGCCGGAGGCCGCATCGAGCTGATGCGTGACGCCGCATCTGCGCCTTCTGTGGCGC
AAGAAGTGGCTGGGACAGTGGGCAAGCAGCTCTGTGTCATCAAGGACAACAGGCTTCTGTGCTACAAA
TCCTCCAAGGACCACAGCCCTCAGCTGGACGTGAACCTACTGGGCAGCAGCGTCATTACAAGGAGAAG
CAAGTGCAGGAAAGAGGAGCACAAGCTGAAGATCACGCCGATGAATGCCGATGTGATTGTGCTGGGCCCTG
CAGAGCAAGGACCAGGCTGAGCAGTGGCTCAGGGTCATCCAGGAAGTGAGCGGCCTGCCTTCCGAAGGA
GCATCTGAAGGAAACAGTACACCCCGGATGCCAGCGCTTAACTGCCAGAAACAGATATAGCTGAG
AAGTACCTGTCCGCTTACAGATATGGGAGCTCCGTGGATGGCCACCCTGAGGTCCAGAAACCAAAGAC
GTCAAGAAGAAATGTTCTGCTGGCCTCAAACCTGAGCAACCTAATGAATCTGGGCAGGAAGAAATCCACC
TCACTGGAGCCTGTGGAGAGGTCCTCGAGACATCCAGTTACCTGAACGTGCTGGTGAACAGCCAGTGG
AAGTCTCGCTGGTGTCTGTGAGGACAATCACCTGCACCTTCTACCAGGACCAGGAAACCGGAGCAAGGTG
GCCCAAGCAACCCCTCAGCTGGTGGCTGCGAGGTGGTCCAGACCCAGCCCGACCCCTCTACTCC
TTCCGCATCCTCCACAAGGGCGAGGAGCTGGCCAAGCTTGAGGCCAAGTCTTCCGAGGAAATGGGCCAC
TGCTGGTCTCCTGCTCTGAGTCAAGCTCAGACAGACCCAGAAGAGTTACCTACGACTATGTG
GATGCCGATAGGGTCTCCTGTATTGTGAGTGGGCCAAAACTCTCTTACTGATGCAGAGAAAGTTC
TCAGAGCCCAACACTTACATCGATGGCCTGCCTAGCCAGGACCAGGAGGAGCTGTATGACGACGTG
GACCTGTGAGAGCTCACAGCTGCGGTGGAGCCTACCGAGGAAGCCACCCCTGTTGCAGATGACCCAAAT
GAGAGAGAATCTGACCGAGTGTACCTGGACCTCACACCTGTCAAGTCCTTCTGCATGGCCCCAGCAGT
GCACAGGCCAGGCTCCTCCCCGACGTTGTCTGCTGGACAATGCAACTGAGGCCCTCCCGGCAGAC
TCAGGCCAGGTCACCCAGATGAGCCCTGCATAAAGTGTCCAGAGAACCTGGGAGAACAGCAGCTG
GAGAGTTTGGAGCCAGAGGATCCTTCCCTGAGAATCACCAACCGTCAAAATCCAGACGGAACAGCAGAGA
ATCTCCTTCCCACCGAGCTGCCCGGATGCCGTGGTGGCCACCCACCTGGTGCCAGCCACCTGTGAAG
GACAGGTTGCGCGTGACCAAGTGCAGAGATCAAGCTTGGCAAGAATCGGACAGAAGCTGAGGTGAAGCGG
TACACAGAGGAGAAGGAGAGGCTTAAAAGAAGAAGGAAGAAATCCGGGGGCACCTGGCTCAGCTCCGG
AAAGAGAAACGGGAGCTAAAGGAAACCCCTACTGAAATGCACAGACAAGGAAGTCTTGCGGAGCCTGGAG
CAGAAGCTGAAGGAAATGACGAGGAGTCCCGGGCGAGGAGAGCAGGCGCGTGGACCTGGAGCTCAGC
ATCATGGAGGTGAAGGACAACCTGAAGAAGGCTGAGGCAGGGCCTGTGACGTTAGGCACCACCGTGGAC
ACCACCACCTGGAGAATGTGAGCCCCGCCCCAAAGCTGTACACCTGCCTCTGCCCCAGACTGTACC
CCAGTCAACTCTGCAACCACACTCAAGAACAGGCCTCTCGGTGCTGGTACAGGCAAAGGCACTGTA
CTCCAGAAAGCCAAGGAATGGGAGAAGAAAGGAGCAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001001936

Insert Size: 2457 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001001936.2](#)

RefSeq Size: 4019 bp

RefSeq ORF: 2457 bp

Locus ID: 84632

UniProt ID: [Q8N4X5](#)

Cytogenetics: 10q25.3

MW: 91.3 kDa

Gene Summary: May play a role in a signaling cascade by enhancing the kinase activity of SRC. Contributes to SRC-regulated transcription activation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) lacks an alternate in-frame exon in the 5' coding region, compared to variant 3. It encodes isoform 1, which is shorter than isoform 3.