

Product datasheet for **SC100484**

AFAP1L2 (NM_032550) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AFAP1L2 (NM_032550) Human Untagged Clone
Tag:	Tag Free
Symbol:	AFAP1L2
Synonyms:	CTB-1144G6.4; KIAA1914; XB130
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100484 sequence for NM_032550 edited (data generated by NextGen Sequencing)

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ATGGAGCGGTACAAAGCCCTGGAACAGCTGCTGACAGAGTTGGATGACTTCCTCAAGATT
CTTGACCAGGAGAACCTGAGCAGCACAGCACTGGTGAAGAAGAGCTGCCTGGCGGAGCTC
CTCCGGCTTTACACAAAAGCAGCAGCTCTGATGAGGAGTACATTTATATGAACAAAGTG
ACCATCAACAAGCAACAGAATGCAGAGTCTCAAGGCAAAGCGCCTGAGGAGCAGGGCCTG
CTACCCCAATGGGAGCCAGCCAGCACTCTCGGCCCTCAGAAGAGCCTTCCAGACCTC
CGGCCACCAAGATGATTCCAGAACGGAACAGCTTGCCATCCCAAAGACGGAGTCTCCA
GAGGGCTACTATGAAGAGGCTGAGCCATATGACACATCCCTCAATGAGGACGGAGAGGCT
GTGAGCAGCTCCTACGAGTCTACGATGAAGAGGACGGCAGCAAGGGCAAGTCGGCCCT
TACCAGTGGCCCTCGCCGAGGCCGGCATCGAGCTGATGCGTGACGCCCGCATCTGCGCC
TTCCTGTGGCGCAAGAAGTGGCTGGGACAGTGGGCAAGCAGCTCTGTGTCATCAAGGAC
AACAGGCTTCTGTGCTACAAATCCTCAAGGACCACAGCCCTCAGCTGGACGTGAACCTA
CTGGGCAGCAGCGTCATTACAAGGAGAAGCAAGTGCGGAAGAAGGAGCACAAGCTGAAG
ATCACACCGATGAATGCCGATGTGATTGTGCTGGGCCCTGCAGAGCAAGGACCAGGCTGAG
CAGTGGCTCAGGGTCATCCAGGAAGTGAGCGGCCCTGCCTTCCGAAGGAGCATCTGAAGGA
AACCAGTACACCCCGGATGCCACGCGCTTAACTGCCAGAAACCAGATATAGCTGAGAAG
TACCTGTGCGGTTTACAGATATGGGAGCTCCGTGGATGGCCACCCTGAGGTCCCAGAAAAC
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TGGAGGTGGTCCAGACCCAGCCCGACCCCTCTACTCTTCCGCATCTCCACAAG
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ACACCTGTCAAGTCCTTTCTGCATGGCCCCAGCAGTGCACAGGCCAGGCCCTCTCCCTG
ACGTTGCTCCTGCCTGGACAATGCAACTGAGGCCCTCCCGCAGACTCAGGCCAGGTCCC
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TTGGAGCCAGAGGATCCTTCCCTGAGAATCACCACCGTCAAAATCCAGACGGAACAGCAG
AGAATCTCCTTCCCACCGAGCTGCCCGGATGCCGTGGTGGCCACCCACCTGGTGGCCAGC
CCACCTGTGAAGGACAGGTTGCGCGTGACCAGTGCAGAGATCAAGCTTGGCAAGAATCGG
ACAGAAGCTGAGGTGAAGCGGTACACAGAGGAGAAGGAGAGGCTTGAAGAAGAAGGAA
GAAATCCGGGGGCACCTGGCTCAGCTCCGGAAGAGAAACGGGAGCTAAAGGAAACCTA
CTGAAATGCACAGACAAGGAAGTCTGGCGAGCCTGGAGCAGAAGCTGAAGGAAATTGAC
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AAGGACAACCTGAAGAAGGCTGAGGCAGGCCTGTGACGTTAGGCACCACCGTGGACACC
ACCCACCTGGAGAATCCCAAAGCTGTACACCTGCCTCTGCCCCAGACTGTACCCAGTC
AACTCTGCAACCACACTCAAGAACAGGCCTCTCTCGGTCGTGGTCACAGGCAAAGGCACT
GTACTCCAGAAAGCCAAGGAATGGGAGAAGAAAGGAGCAAGTTAG

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Clone variation with respect to NM_032550.2
 1605 a=>g;1679 c=>t

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032550 unedited</p> <pre> CCCCCCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAG CTCGTTTGTAGTGAACCGTCAAGATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTC GGCAGCAGGCAGAAAGCCGAGCCGCGAGGAGCGCACTCCGTGGCCCGATGGAGCGGTACA AAGCCCTGGAACAGCTGCTGACAGAGTTGGATGACTTCTCAAGATTCCTGACCAGGAGA ACCTGAGCAGCACAGCACTGGTGAAGAAGAGCTGCCTGGCGGAGCTCCTCCGGCTTTACA CCAAAAGCAGCAGCTCTGATGAGGAGTACATTTATATGAACAAAGTGACCATCAACAAGC AACAGAATGCAGAGTCTCAAGGCAAAGCGCTGAGGAGCAGGGCCTGCTACCCAATGGGG AGCCAGCCAGCACTCCTCGGCCCTCAGAAGAGCCTTCCAGACCTCCCGCCACCAAGA TGATTCCAGAACGGANACAGCTTGCCATCCCAAAGACGGAGTCTCCAGAGGGCTACTATG AAGAGGCTGAGCCATATGACACATCCCTCAATGAGGACGGAGAGGCTGTGAGCAGCTCCT ACGAGTCTACGATGAAGAGGACGGCAGNCAGGGCAAGTCGGCCCTTACCAGTGGGCTC CGCCGGAGCCGGCATCGAGCTGATGCGTGACGCCCGCATCTGCGCCTTCTGTGCGCAN GAAGTGGCTGGGACAGTGGGCCAGCAGCTCTGTGTATCAAGGACAACAGGCTTCTGTG CTACAAATCCTNNCAGGGACACAGCCCTCAGCTGGACGTGAACCTACTGGGCAGCAGCGT CATTACAAAGGAGAAAGCAGTGCCGAAGAAAGGAGCACAGCTGAAGATCACCCATGAA TGCCCATGTGATTGTGCTTGGCCTGCAAAGCAGGACCAAGCTGANCAATTGGCTCAGGGCC ATCCAGAAAGTGACCGGCTGCCTTCCAAAGACATCTTGAGAAACAAT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032550 unedited</p> <pre> NAAATCTATGACCGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTAAATAC AATGAACATTTTTATTTTAAAAAACCTAACTCACCCTTGGTAAAAGGTCACCAAATGTTT ATGAGAGAGGAAATAAGAATAAAAAAGACATTTAGTTCTCAGGAACAAGTGTAGAGAAC TGATACACAACCCCTCCAGAAATGAGGCAGAGATAATAGATGAAATGTTTCAACCTGTGT AAAAAAAAAAAAAAAAAAAAATGCCATCAGAGGAAAAGACAGGGGCAGCACAAAGGAACAGC ACTGCCAATTTTAAAGAGGGCGATCACCCTAACCAAAAAATCACCCTTGTCTTGGAAAGG AGAATGAACATTAACAGAACTTAAATCAGAGACTATTTATATTAATAAATCCTTCCCT TAAAAATGGCCTGACCACAGCAATGAATCTGTAACACAGAGTAATATTTTTCTACAGT AAAGAGTCACTTTAATCTCAAAAGATACTTTTCACTGTTCTAAATGACAGGATTTAAGC ATTTTTTCTAATAATAACAGCATCACTTAAAATTTTATTTAAAGACAGTTGATTCAGG CCTGCCTTGGACTGAAAAGAAGTCTTAACTTANTGGGGATAGTGCTTCAGCTTGGTCC CAAATATTTTTCCCATTTATTGTTTCTCANAACCTCATGTATAGATGGGTTTACAGATGA TGGTTTTACAGATGATGTCAATGCTGTTTAAAATCCTGAGACTGAATTGGGCCTGGTT ATTTTTGGAAAGAACTTGAGGCAAGGATGGGTTTAAATCCCAAACTGCTAAGTATGGGATA AGAAATGATGGCCAGGAGTTAGGGTTTCTTACCTTCCCAAGAATTGGGACCCCTAAACA GGCCCTTGTCTTTGATTTTTTCC </pre>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_032550
Insert Size:	3900 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: [NM_032550.2](#), [NP_115939.1](#)

RefSeq Size: 3985 bp

RefSeq ORF: 2445 bp

Locus ID: 84632

UniProt ID: [Q8N4X5](#)

Cytogenetics: 10q25.3

Domains: PH

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 (2) lacks an alternate in-frame exon in the 5' coding region and uses an alternate in-frame splice site in the 3' coding region, compared to variant 3. It encodes isoform 2, which is shorter than isoform 3.