

Product datasheet for **RG203918**

AFAP1L2 (NM_032550) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AFAP1L2 (NM_032550) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AFAP1L2
Synonyms:	CTB-1144G6.4; KIAA1914; XB130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG203918 representing NM_032550
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGCGGTACAAAGCCCTGGAACAGCTGCTGACAGAGTTGGATGACTTCCTCAAGATTCTTGACCAGG
 AGAACCTGAGCAGCACAGCACTGGTGAAGAAGAGCTGCCTGGCGGAGCTCCTCCGGCTTTACACCAAAAG
 CAGCAGCTCTGATGAGGAGTACATTTATGAACAAAGTGACCATCAACAAGCAACAGAATGCAGAGTCT
 CAAGGCAAAGCGCCTGAGGAGCAGGGCCTGCTACCCAATGGGGAGCCCAGCCAGCACTCCTCGGCCCTC
 AGAAGAGCCTTCCAGACCTCCCGCCACCAAGATGATTCCAGAACGAAACAGCTTGCCATCCCAAGAC
 GGAGTCTCCAGAGGGCTACTATGAAGAGGCTGAGCCATATGACACATCCCTCAATGAGGACGGAGAGGCT
 GTGAGCAGCTCCTACGAGTCTACGATGAAGAGGACGGCAGCAAGGGCAAGTCGGCCCTTACCAGTGGC
 CCTCGCCGAGGGCCGCATCGAGCTGATGCGTGACGCCCGCATCTGCGCCTTCTGTGGCGCAAGAAGTG
 GCTGGGACAGTGGGCAAGCAGCTCTGTGTCATCAAGGACAACAGGCTTCTGTGCTACAAATCCTCCAAG
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 AGAAGGAGCACAAAGCTGAAGATCACACCGATGAATGCCGATGTGATTGTGCTGGGCCTGCAGAGCAAGGA
 CCAGGCTGAGCAGTGGCTCAGGGTCATCCAGGAAGTGAGCGGCCTGCCTTCCGAAGGAGCATCTGAAGGA
 AACCAGTACACCCCGGATGCCAGCGCTTAACTGCCAGAAACCAGATATAGCTGAGAAGTACCTGTCGG
 CTTCAGAGTATGGGAGCTCCGTGGATGGCCACCCTGAGGTCCAGAAACCAAGAGCTCAAGAAGAAATG
 TTCTGCTGGCCTCAAACCTGAGCAACCTAATGAATCTGGGCAGGAAGAAATCCACCTCACTGGAGCCTGTG
 GAGAGGTCCCTCGAGACATCCAGTTACCTGAACGTGCTGGTGAACAGCCAGTGAAGTCTCGCTGGTGCT
 CTGTGAGGACAATCACCTGCATTTCTACCAGGACCGGAACCGGAGCAAGGTGGCCAGCAACCCCTCAG
 CCTGGTGGGCTGCGAGGTGGTCCAGACCCAGCCCGACCCACCTCTACTCCTTCCGCATCCTCCACAAG
 GGCGAGGAGCTGGCCAAGCTTGAGGCCAAGTCTTCCGAGGAAATGGGCCACTGGCTGGGTCTCCTGCTCT
 CTGAGTCAGGCTCCAAGACAGACCCAGAAGAGTTACCTACGACTATGTGGATGCCGATAGGGTCTCCTG
 TATTGTGAGTGCGGCCAAAACTCTCTTACTGATGCAGAGAAAGTTCTCAGAGCCCAACACTTACATC
 GATGGCCTGCCTAGCCAGGACCGCCAGGAGGAGCTGTATGACGACGTGGACCTGTCAGAGCTCACAGCTG
 CGGTGGAGCCTACCGAGGAAGCCACCCCTGTTGCAGATGACCCAAATGAGAGAGAATCTGACCGGGTGT
 CCTGGACCTCACACCTGTCAAGTCTTTCTGCATGGCCCCAGCAGTGCACAGGCCAGGCCTCCTCCCCG
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 TCAAGCTTGGCAAGAATCGGACAGAAGCTGAGGTGAAGCGGTACACAGAGGAGAAGGAGAGGCTTAAAA
 GAAGAAGGAAGAAATCCGGGGGCACCTGGCTCAGCTCCGAAAGAGAAACGGGAGCTAAAGGAAACCCTA
 CTGAAATGCACAGACAAGGAAGTCTGGCGAGCCTGGAGCAGAAGCTGAAGGAAATTGACGAGGAGTGCC
 GGGCGAGGAGAGCAGGCGCGTGACCTGGAGCTCAGCATCATGGAGGTGAAGGACAACCTGAAGAAGGC
 TGAGGCGGGCCTGTGACGTTAGGCACCACCGTGGACACCACCCACCTGGAGAATCCCAAGCTGTCACA
 CCTGCCTTGCCCCAGACTGTACCCAGTCAACTCTGCAACCACACTCAAGAACAGGCCTCTCTCGGTGCG
 TGGTCACAGGCAAAGGCACTGTACTCCAGAAAGCCAAGGAATGGGAGAAGAAAGGAGCAAGT

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG203918 representing NM_032550
 Red=Cloning site Green=Tags(s)

MERYKALEQLLTELDDFLKILDQENLSSSTALVKKSCLAELLRLYTKSSSSDEEYIYMNKVTINKQNAES
 QGKAPEEQGLLPNGEPSQHSSAPQKSLPDLPPPKMIPERKQLAIPKTESPEGYYEEAEPYDTSLNEDGEA
 VSSSYESYDEEDGSKGKSAPYQWPSPEAGIELMRDARICAFWRKKWLGQWAKQLCVIKDNRLLCYKSSK
 DHSPQLDVNLLGSSVIHKEKQVRKKEHKLKITPMNADVIVLGLQSKDQAEQWLRVIEVSGLPSEGASEG
 NQYTPDAQRFNCPDIAEKYLSASEYGSSVDGHPEVPETKDVKKKCSAGLKLSNLMNLGRKKSTSLEPV
 ERSLETSSYLNVLVNSQWKSRCVSRDNLHLYFYQDRNRSKVAQQPLSLVGCEVVPDPSPDHLYSFRILHK
 GEELAKLEAKSSEEMGHWLGLLLSESGSKTDPEEFYDYVDADRVSCIVSAAKNSLLLMQRKFSEPNTYI
 DGLPSQDRQEELYDDVDLSEL TAAVEPTTEEATPVADDPNERESDRVYLDLTPVKSFLHGPSSAQQAASSP
 TLSCLDNATEALPADSGPGPTPDEPCIKCPENLGEQQLESLEPEDPSLRITTVKIQTEQQRISFPPSCPD
 AVVATPPGASPPVKDRLRVTSAEIKLGKNRTEAEVKRYTEEKERLEKKKEEIRGHLAQLRKEKRELKETL
 LKCTDKEVLASLEQKLKEIDEECRGEESRRVDLELSIMEVKDNLKKAEGPVTLTGTTVDTHLENPKAVT
 PASAPDCTPVNSATTLKNRPLSVVVTGKGTVLQKAKEWKKGAS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN:	NM_032550
ORF Size:	2442 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_032550.1](#)

RefSeq Size: 3985 bp

RefSeq ORF: 2445 bp

Locus ID: 84632

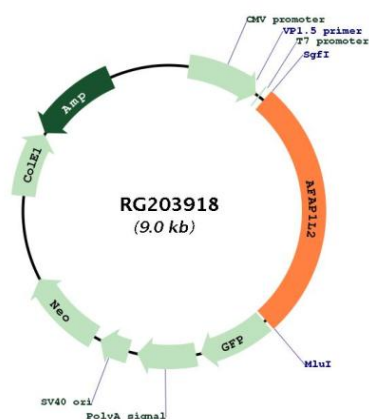
UniProt ID: [Q8N4X5](#)

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]

Product images:



Circular map for RG203918