

## Product datasheet for **SC321715**

### AFAP (AFAP1) (NM\_021638) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AFAP (AFAP1) (NM_021638) Human Untagged Clone
Tag:	Tag Free
Symbol:	AFAP
Synonyms:	actin filament-associated protein, 110 kDa; actin filament associated protein 1; AFAP; AFAP, AFAP-110; AFAP-110; FLJ56849; OTTHUMP00000155170
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_021638.4  
 CCACGCGTCCGGGCGGCCTGAGCAATGGAAGAGTTAATAGTTGAACTTCGTCTCTTTCTT  
 GAACTCCTGGACCATGAATATCTAACCTCAACTGTCAGGGAGAAAAAGGCAGTGATAACC  
 AACATTCTGCTAAGAATACAGTCATCCAAAGGTTTTGATGTGAAGGACCATGCTCAGAAG  
 CAGGAGACCGCTAACAGCCTGCCAGCCCCTCCTCAGATGCCCTGCCGGAGATCCCTCAG  
 CCCTGGCTGCCCTCTGACAGTGGCCTCCACCATTGCCAACATCCTCCCTCCCAGAAGGT  
 TATTATGAGGAAGCTGTGCCACTGAGCCCCGAAAAGCTCCGGAATACATCACATCAAAT  
 TATGATCCGATGCGATGAGCAGCTCTTATGAGTCGTATGATGAAGAGGAGGAGGATGGG  
 AAGGGGAAGAAAACCCGGCACCACTGGCCCTCCGAGGAGGCTCCATGGACCTGGTCAAG  
 GACGCCAAAATCTGCGCCTTCTGCTGCGGAAGAAGCGGTTTCGGCCAGTGGACCAAGTTG  
 CTCTGCGTCATCAAAGACACCAAAGTGTGTGCTATAAAAGTTCCAAGGACCAGCAGCCT  
 CAGATGGAAGTGCCTCAAGGCTGTAACATTACGTACATCCCGAAAAGACAGCAAAAAG  
 AAGAAGCACGAGCTGAAGATTACTCAGCAGGGCACGGACCCGCTTGTCTCGCCGTCCAG  
 AGCAAGGAACAGGCCGAGCAGTGGCTGAAGGTGATCAAAGAAGCCTACAGTGGTTGTAGT  
 GGCCCCGTGGATTAGAGTGTCTCCTCCACCAAGCTCCCGGTGCACAAGGCAGAACTG  
 GAGAAGAAACTGTCTTACAGAGAGACCCAGCTCAGATGGGGAGGGTGTGTGGAAAATGGA  
 ATTACCACATGTAATGGAAGGAGCAAGTGAAGAGGAAGAAAAGTTCAAATCAGAGGCC  
 AAGGGCACTGTGTCGAAAGTCACTGGGAAAAAATCACCAAGATCATCAGTCTGGGAAAAG  
 AAAAAGCCGTCCACAGACGAGCAGACCTCCTCAGCTGAGGAAGATGTTCCACCTGCGGC  
 TATCTGAACGTGCTCTCCAACAGCCGCTGGCGAGAGCGCTGGTCCGAGTGAAAGATAAC  
 AAGCTCATTTTCCACAAGGACAGGACCGACCTGAAGACCCATATTGTGTCTATTCGCTC  
 CGTGGCTGCGAGGTGATCCCGGTTTGGATTGTAACATCCTCTGACGTTCCGGCTGCTG  
 CGCAACGGCCAGGAGTTGCAGTATTGGAGGCATCTTCTTCTGAAGACATGGGCAGGTGG  
 ATTTGGGATTTTACTCGCAGAGACGGGATCGTCCACAGACCCGGAGGCTCTGCACTATGAC  
 TACATTGATGTGGAGATGTCTGCAAGTGTCTTACAGACAGCCAAACAGACCTTCTGTTTC  
 ATGAACAGGCGTGTATATCTGCTAACCATATCTAGGGGGCACCTCCAACGGCTATGCC  
 CACCCCAGCGGGACGGCACTTCTTATGACGATGTCCCGTGCATCAACGGCTCGCTCAAG  
 GGTAAAAAGCCCCCGTGGCGTCTAATGGGGTACAGGAAAAGGGAAGACTCTGAGCAGT  
 CAGCCAAAAGAAAGCGGATCCCGCGGCTGTTGTGAAAAGGACGGGTTCGAATGCTGCCAG  
 TACAAGTATGGCAAGAACCGGTAGAAGCAGATGCCAAGCGGCTACAGACCAAAGAGGAG  
 GAGCTGCTGAAGAGGAAAGAGGCCCTGCGGAATAGGCTGGCCAGCTCCGCAAGGAAAGA  
 AAAGACCTTCAGACGGCTATTGAAGTGAACGCCGGCAGGAAGCCGAGGGATCCTGGAG  
 GAGAAGCTGAAGCAGCTGGAGGAGGAGTCCCGGAGAAAGGAGGCGGAGCGTGTACGCTG  
 GAGCTGGAGCTGACGGAGGTCAAGGAGAGCCTGAAGAAAGCGCTGGCGGGCGGAGTCAAC  
 CTGGGGCTGGCCATCGAGCCCAAGTCAAGGACATCGAGTCCACAGTCTCCAGTGTTCGG  
 CACCGGACCTGGAAAATCGCCCATCTCCAGCTGTGACACCAGTGACACCGAGGGCCCC  
 GTGCCGGTGAACAGCGCGGCCGCTTGAAGAAGAGCCAGGCTGCCCGGGCAGCTCCCC  
 TGCCGAGGGCATGTGCTGCGGAAGGCCAAGGAATGGGAATTGAAGAACGGGACCTAGGGG  
 ACAGCAGCACCCTCCAGCCTCAGAGACTGCACACCCCTTGCCTGTATCCTCATCTGTG  
 TGACGGCAGGAAGCTCTGCCAGAGTGGCCTCAGCTGCACGACTCCAGAGGCTCCACGAC  
 TGAGCTCTGAGGCCAGTGCCTGTCCCCAGGCCACTTGTATTCTTTCTACTGTAATAATG  
 GCGCCTTTAAAAAAGATGTAAGACTTTGGTTCCCAACTTGTAAAAAATAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_021638

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_021638.4</a> , <a href="#">NP_067651.2</a>
<b>RefSeq Size:</b>	7479 bp
<b>RefSeq ORF:</b>	2193 bp
<b>Locus ID:</b>	60312
<b>Cytogenetics:</b>	4p16.1
<b>Domains:</b>	PH
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a Src binding partner. It may represent a potential modulator of actin filament integrity in response to cellular signals, and may function as an adaptor protein by linking Src family members and/or other signaling proteins to actin filaments. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]</p> <p>Transcript Variant: This variant (1) is the predominant transcript. Variants 1 and 2 encode the same isoform.</p>