

## Product datasheet for **SC116452**

### MFAP1 (NM\_005926) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MFAP1 (NM_005926) Human Untagged Clone
Tag:	Tag Free
Symbol:	MFAP1
Synonyms:	AMP
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116452 sequence for NM_005926 edited (data generated by NextGen Sequencing)

```
ATGTCGGTCCCAAGCGCTCTCATGAAGCAACCGCCATTTCAGTCTACGGTGGGGCCGTC
CCAGTTCCGAATGAGAAAGGTGAGATTTCAATGAAAAAGTGAAGGTAAAGCGTTATGTG
TCCGAAAAAGGCCAGACTATGCCCTATGGAGTCCCTCAGATGAGGAGGATGAAGATTT
CAGTTCATTAAGAAAGCCAAAGAACAAGAAGCAGAGCCTGAGGAACAGGAGGAGGATTCA
TCCAGTGACCCCGGCTACGGCGTTTACAGAACCGTATTAGTGAAGATGTGGAAGAGAGA
TTGGCTCGACATCGAAAAATAGTGAACCTGAAGTGGTAGGAGAGAGTGACTCAGAAGTA
GAAGGAGATGCTTGGCGCATGGAACGAGAAGACAGCAGTGAAGAAGAGGAGGAGGAAAT
GATGATGAGGAAATAGAGCGCGCGTGGCATGATGCGTCAGCGAGCACAGGAGAGAAAA
AATGAAGAGATGGAAGTCATGGAAGTGAAGATGAGGGTCTTCTGGAGAGGAGTCAGAA
TCAGAGTCTGAGTATGAAGAGTACACAGACAGTGAAGATGAGATGGAGCCTCGCCTTAAG
CCAGTCTTCATTCGAAAGAAGGACCGAGTGACAGTTCAAGAACGTGAAGCCGAAGCATTG
AAACAGAAGGAGCTGGAGCAGGAAGCAAAACGCATGGCTGAGGAAAGGCGCAAGTACACA
CTCAAGATTGTCGAAGAGGAAACCAAAAAGAGCTGGAAGAGAACAAGCGATCCCTGGCT
GCATTGGATGCACTCAATACTGATGATGAAAATGATGAGGAGGAATATGAGGCATGGAAA
GTTTCGAGAGCTAAAAAGAATCAAGAGGGACAGAGAAGATCGAGAAGCGCTTGAGAAGGAG
AAAGCAGAAATGAACGCATGCGAAACCTGACTGAGGAAGAGAGGAGAGCTGAACCTCGG
GCAAACCGCAAAGTTATTACCAACAAAGCTGTTAAGGGCAAATACAAGTTCTTACAGAAG
TATTATCACCGGGTGCCTTCTTCATGGATGAGGATGAAGAAGTATACAAGAGAGATTTTC
AGCGCTCTACCCCTGGAGGATCATTTCAATAAAAACCATTTCTTCTAAAAGTCATGCAGGTC
AAGAACTTTGGACGCTCAGGTCGCACCAATACTCACCTTGTGGATCAAGATACCACC
TCCTTTGACTCAGCTTGGGGCCAAGAGAGTGCCCAAGAACAAAGTTCTTCAAACAAAAG
GCAGCTGGGGTACGAGATGTATTTGAGCGGCCATCTGCCAAGAAGCGGAAAACTACCTAG
```

Clone variation with respect to NM\_005926.2  
975 c=>t



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_005926 unedited  
TATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGCGCAGCTGTGTTTCGCGGACT  
CAGGTGGAAGGAATTTCTTCTCTTCGTTGACGTTGCTGGTGTTCAGTGTTTGGAATTAGT  
CAAGTTTCGGGAATCACCGTCGCTGCCATCAACATGTCGGTCCCAAGCGCTCTCATGAAG  
CAACCGCCCATTCAGTCTACGGCTGGGGCCGTCAGTTTCGCAATGAGAAAGGTGAGATT  
TCAATGGAAAAAGTGAAGGTAAGCGTTATGTGTCCGGAAAAAGGCCAGACTATGCCCT  
ATGGAGTCTCAGATGAGGAGGATGAAGAATTTTCAGTTTCAATTAAGAAAGCCAAAGAACA  
GAAGCAGAGCCTGAGGAACAGGAGGAGGATTCATCCAGTGACCCCGGCTACGGCGTTTA  
CAGAACCCTATTAGTGAAGATGTGGAAGAGAGATTGGCTCGACATCGAAAAATAGTGAA  
CCTGAAGTGGTAGGAGAGAGTACTCAGAAGTAGAAGGAGATGCTTGGCGCATGGAACGA  
GAAGACAGCAGTGAAGAAGAGGAGGAGGAAATTGATGATGAGGAAATAGAGCGGCGGCGT  
GGCATGATGCGTCAGCGAGCACAGGAGAGAAAAATGAAGAGATGGAAGTCATGGAAGTG  
GAAGATGAAAGGGTCGTTCTGGAAGGAGTCAGAATCAGAGTCTGAGTATGAAGAGTACA  
CAGACAGTGAAGATGAGATGGGAGCCTCGCCTTAAGCCAGTCTTCATTGAAAGATGGAC  
CGATNTGACAGTCAAGAACGTGAAGCCGAGCATTGAAACAGAAGAGCTGGAGCAGAAACA  
AACGCATGGCTGAGAAGGCGCAGTACCCTCAGATGGGCGAGAGGAACAAAAGAGCTGAG  
AAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_005926 unedited  
TATGGACCGCGNGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTGTGTGAT  
TCTTTTATTTCTTGACATGCACACATATATGGATCAAAAAGTATGTACAAGTAAAAAC  
GGACTCCAAGCAAAAATGAAAAACATGTTCCATGAGCTTAGATTTCCGGGTATATTACT  
CCTAAACCTAAGGTAGAAGTAATGCATTGTTCACTTACATGTCCACTTTTCTAACCCAAG  
CTAAGGGCTGAAAAAGAAAGTCAGAACAGTCCCAAGTAAATATGGGAAACCATAGCAGT  
GATAAAACCTAAGATTTCTCAGAAATAGTTTTAAGTGGGAAGCCTCTAATCCTACCTGGA  
CAGTGTCTTCTGTGGGTTTCTCAGCATGAGTCCAAACCTCACAAAGCACCTTCAAAGTC  
TGGGCTACCCAGTATACAAGTATAGCAGTAAGTCCAATATCTGGATACAGGGGCAAGG  
AAACAATGAAAAACCAATCAAGGACCAGATGCTGAGACTCCCTTGTGTTCCACAGTT  
GGAAGAATAAGCAGTTGGACCCTAGGTAGTTTTCCGCTTCTTGGCAGATGGCCGCTCAA  
TACATCTCGTACCCAGCTGCCTTTTGTGTTGAAGAACTTTGTGTTCTGGGCACTCTTTG  
GCCCAAGCTGAGTAAAGGAAGTGGTATCTTGATCCACAGGAGTGTATTTGGGTGCG  
ACCTGACGTNCAAAANGTCTTGACCTGCATGACNTTNGAAGAATGNTTTATTGAAATGAT  
CCTNCANGGTANGAGCGCTGAAAACCTCTTGGATACTNCCTCATCCTCATCCATGAGAA  
GGCACCCCGTGATATACTTCTGTGAGAACTGNATTTGCCTTNACANNCTTGTGGAT  
AACCTTGCCGGTNGNCCGAAGTCAGCTCTT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_005926

**Insert Size:**

2190 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\\_005926.2](#), [NP\\_005917.2](#)

**RefSeq Size:** 2063 bp

**RefSeq ORF:** 1320 bp

**Locus ID:** 4236

**UniProt ID:** [P55081](#)

**Cytogenetics:** 15q15.3

**Protein Families:** Secreted Protein

**Gene Summary:** Involved in pre-mRNA splicing as a component of the spliceosome.[UniProtKB/Swiss-Prot Function]