

Product datasheet for **SC116453**

MFAP3 (NM_005927) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFAP3 (NM_005927) Human Untagged Clone
Tag:	Tag Free
Symbol:	MFAP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_005927 edited
 GAATTCGGCACGAGGCTCTACTCACATCTTTAATCTTGAAGACTAGAAAATATAACTGG
 ATCTACCACTTGTGGAAAATTTCTCTACCAAGCAATAAATTACCCGCTGTGCTTTTGT
 TGTAGTGTAGAAGTTTTGAGTTCTCCAAATCTAAACAAGATTTTGTCCCATTTTCCCAT
 GAAGCTACATTGTTGCTTATTCACTTTAGTGGCAAGTATTATTGTGCCAGCTGCTTTTGT
 TTTGGAAGATGTGGACTTCGACCAAAATGGTTTCACTGGAAGCAAATCGTAGTTCTTACAA
 TGCATCTTTCCCTCAAGCTTTGAACTCTCAGCAAGTCCCACTCGGATGATGATGTCAT
 CATAGCCAAAGAGGGAAGTAGCGTTTCAATTGAGTGTCTTCTCACAGCCAGTCACTATGA
 AGATGTCCATTGGCACAATTCAAAGGACAGCAACTGGATGGCAGAAGCAGAGGTGGAAA
 GTGGTTGGTTTCTGATACTTCTAAACATCACCAATGTAGCTTTTGTGACCGTGGGCT
 CTATACCTGTTTCGTACCTCTCCAATTCGTGCCTCTACTCTGTACCCTACGTGTTAT
 CTTACCTCGGGAGACATGAGTGTCTATTACATGATTGTTTGCCTGATTGCCTTTACAAT
 CACACTCATCTTGAAATGTACACGGCTGTGCATGATGAGCAGCCATCTTCGCAAGACTGA
 GAAGGCTATCAATGAGTTCTTTAGAAGTGAAGGGGCTGAGAACTTCAGAAGGCCTTTGA
 GATTGCAAAACGTATCCCATCATTACCTCAGCCAAAACCTCTGGAGCTCGCCAAAGTAC
 ACAATTTAAGACCATGGAGTTTGTCTGTTATATTGAAGAAGTGGCAAGAAGTGTCCCTCT
 TCCACCTCTTATTCTAAACTGTGAGCCTTTGTTGAGGAGATGTTTGAAGCTGTGCGGAGT
 GGACGACCTGATGACCTGGGTGAAAGAATTAAGAGAGACCTGCCTTGAATGCTCAAGG
 TGGCATCTATGTCATTAACCCAGAGATGGGACGGAGTAATTCACCAGGAGGAGATTGAGA
 TGATGGCTCTCTGAATGAACAAGGCCAGGAAATAGCAGTTCAGGTTTCTGTCCACCTTCA
 GTCAGAAACAAAAGTATTGATACAGAGTCTCAAGGCAGCAGTCAATTCAGTCCACCTGA
 TGATATAGGATCTGCAGAATCTAACTGTAACACAAAAGATGGGGCATATGAAAACGTCA
 GCTGTAACCTACAATGCTGTAACCCAGTACCTACAAAATCAGCTCGCTCTCAGAAAAGGA
 ACCTGTTTCTTAGAAGAAGTAACATTTTTGCCAAAAGATGACTGGGGTTTTCCGTTTGT
 AATATTAAGCACATCAGAACGTGAATTGCCAAAGTCTTATTAGAACGAGCATTTTTTCC
 TCTCTGATACTTTTCACTGATTTTTCTTAGAGCTTTATTAATTAATGATGCTAAGATTT
 AAAGGAGCCCCAGATAAACATGATGGGAAAAGCACTGAACTAAGAGTCCCATGGTTTCT
 CTTCTGGTCACAGTTCTCCATTGGTTGGATCTGATACTTATCTTGGGACTTCAGTTTTT
 CCGTCAATAAGATGAGGGATTAGGTGAGATCTGAAGTTGTTTCTAGCTCTATAGCTTCTT
 AACCCATCACCTTTAAATACCAGAATCTTCACTCATCTAAGTAAACCTTTCCCGGGA
 CTTTTACTCGCTTCTTTGGAAAGGATTAAGCTGAGATCTAAATTTCCACCAATGTCA
 TAATGCACAGAGTTTTTGA AAAACATCTGAGTGTTCAGATGTTTTGCCATGTGGAG
 CATATAATGATATGTGCAAGATTGAATCTTTTCAATGTAGCACATGTCTGTAGGGTTATA
 CAGATGTCAGAGAGCTAACTGCTCTGTA AACTACTTTCCATGAGTAAATGGTCTTGGT
 GGGGGTGTATCATTTTTAACTTACTGAGATATCATTTTAGTTCATTGAGGTTGGCAGG
 GATTGCCTAACTGATCTTCCAAAGTGAAGCAGTTTATTTCTAAGGTATAACGCTTTTGATG
 CTTTTAGAATAAGAACAGTGTCAAATCATCTGTCTTCTGGAAAATCATGGATTTTCATAT
 TTCTGTTAACAGAATTTCTCAGGCTTTCCCTTTTTAAAAGTATTGGACTTACAAATAGG
 TTCTATATTTGGGATCTCATCTAGGAGAAAACCCAAAACCTGGATTCCTTTAAGACCTC
 TGTC AACCTCCTGCCCTTTGTGGTCTTAGGTATGGTGCTATAGTTGCATGCGTCTTTA
 TCTGTTTGTGGTTAATTTTTGTTGTTGAGGTTTTTATTTTTGTTTACTTCAGATAC
 ATAATCTGAGCTATGGCTGCTTTTGTAGCCTTTCCAAGAAGCACTAACCTGAAATAAGA
 TTAGATAATTGTGAGGTTGTTACTATATTAATAACACACACAACCTGATCTAGACATC
 AAGAGGAAGAAAATGATGGATGATGCCACCTGCTTCACTGTATATAATAAACACTTAT
 GATGACAAAAA AAAAAAAAAAAAAA AACTCGAC

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005927 unedited TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTCTACTCACATCTTT TAATCTTGAAAGACTAGAAAATATAACTGGATCTACCACTTGTTTGGAAAATTTCTCTACC AAGCAATAAATTACCCGCTGTGCTTTTGTGTAGTGTAGAAGTTTTGAGTTCTCCAAAT CTAAACAAGATTTTGTCCATTTTCCCATGAAGCTACATTGTTGCTTATTCACTTTAGTG GCAAGTATTATTGTGCCAGCTGCTTTTGTTTTGGAAAGATGTGGACTTCGACCAAAATGGTT TCACTGGAAGCAAATCGTAGTTCTTACAATGCATCCTTTCCCTCAAGCTTTGAACCTCA GCAAGTTCCCACTCGGATGATGATGCATCATAGCCAAAGAGGGAAGTACGCTTTCAATT GAGTGTCTTCTCACAGCCAGTCACTATGAAGATGTCCATTGGCACAATCAAAGGACAG CAACTGGATGGCAGAAGCAGAGGTGAAAAGTGGTTGGTTTCTGATAAATCCTAAACATC ACCAATGTAGCTTTTGTGACCGTGGGCTCTATACCTGTTTCGTACCTCTCCAATTCGT GCCTCCTACTCTGTACCCTACGTGTTATCTTACCTCGGGAGACATGAGTGTCTATTAC ATGATTGTTTGCCTGATTGCCTTACAATCACACTCATCTTGAATGTCACACGGCTGTGC ATGATGAGCAGCCATCTCGAAGACTGAGAAGGCTATCAATGAGTTCTTTAGAAGTAA GGNGCTGAGAACTTCAGAAGGCCCTTTGAGATTGCAAAACGTATCCCCATATTACCCTC AGCCAAACTCTGGAGCTCGNCAAAGTCACACAATTAAGAACCATGGAGTTNGCTCNGTA TATTGAAGACTGGCANGAAGTGTCCCTCTTTCACCCTCTATTCAANCTGTCNAGCCTTTG TGTAAGATGNTTGTAGCTGTGCGAAGTNACCAACCTGATGACTGGTGAN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005927 unedited GGAACGCTATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTGTGCATCATAAGTGTATTAT ATACANGTTGAAGCAGGGCGCATCCATCATTTTTTCTTACTCTTGATGTCTAAATCAG ATGTGTGTGATTTTAAATATAGTAACACACCCTACAATTATCTAATCTTATTTAAGGCT ACTGCTTCTTGGAAAGGCTACAAAAGCACCATAGCTCACAATTATGTATCTGAAGCGAA CAAAAATAAAACCTCAACAACAAAATATTAACCAACAAACAAGATAAAGACGCATGCA ACCTATACTACCTAACCTAAGACCACAAAGGGCAGCAGGGCTGACAGAGGCCCTAACAGG AATCCAGCTCTGGGTTTTCTCCTAGGATGACATCCCACTATACAACCTATTTGCAGAGT ACAATACTTTTAAAAAGGGAAAGACTGACAAATCCTGTAACACAATATGAAAATCCGT GATCTCCACAAGACAGATGATCGGACACTGAGCTTATTCTAAAAGCATCCCAGACCGCC TACCTTACAAATAAAGTACAACCTTTGGAAAATAACGCAAGTCAACCCTGCCAACCTCAT TGAATAAAATGACCTCCTCACCAGGTAATAATATGATGCGCCCCCCCCAAGGACCAATT TACTCCTGGTAAGCGCTTTACAGAGCTCCATCCCCTCTGACATCTGAATAACACTCACAG AATGTGCTACCTTGAAGAATACAATCTGACCATAAGATTATATGCTACCCATGGAGAAA CACCTGAAAAACTGAAAAGCTCGCCAAAAATCCTCTGGGCTTATGGAATCTGATGCG GAAACTCACACCCACCTCAACCCTATACAAAGAAACCAACAACTACCCGACCAAGCT TACCTAAAAAAAAGAATAATCCGCAACTAAAAGGGCGGGCTCAAACCTAAAGCTATA AAACCTGCGATCTGCCAATCCCTATTTTATGAGAGAACAACCTAG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_005927
Insert Size:	2600 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:	<ol style="list-style-type: none">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_005927.3 , NP_005918.1
RefSeq Size:	2914 bp
RefSeq ORF:	1089 bp
Locus ID:	4238
UniProt ID:	P55082
Cytogenetics:	5q33.2
Domains:	ig, IGc2, IG
Protein Families:	Transmembrane
Gene Summary:	Component of the elastin-associated microfibrils.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1 and 3 encode the same isoform (1).