

Product datasheet for **SC105015**

MAFIP (AK096952) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MAFIP
Synonyms:	MIP; pp5644; TEKT4P4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for AK096952, the custom clone sequence may differ by one or more nucleotides

TCCTCCGGAAGTGC GGATCCCAGCGGCGGTCTGTAGCTGAGCAGCCCTGGGGCTTGTTCTATGTCCT
GTGGCTATGTTTCCAGTGTCTCTGGGTGTTTCCAAGAGCAACAAGAAACGAATAAATCTCTGGAAGCTC
TTGGTTTACTGTGTACCCAAAGCGACTGGGAGCCAGGTCTGCTCTGGGACTGAGCCGTTGGAGCCGACC
GATGACTGCACTGGGCTGACCGCAACAAGCTGACCACACACTCCTCACTCCCTGGCCCTGGTGGGCG
GCAGACACCATGGTGACAGCGGATGTGCTCCTACCAGAGCTGGCCCCACAGACAGTGCCACCCCTACGAGC
TGCCCTGCAAAAGAGTATGACGTGGCCAGAAACAGGGCGCCTACACGTCTCCGGCTGGCCACCGCTGG
CTGGAGGTGTGTTCCAGAAGTGTATGCTCGCTACCGCCAGGCCCTCGCCAAGTCAACAGTCAGAGC
GGGAGCTGCAGGGGCACGAGAGCCAGCAGCTGGCCGACAGAGACCCAGGCGCTGGCACAGCCGACACAGCA
AGACTCCACGTGCAGGGTGGGCGAGCGACTGAAGGACACGCACAGCTGGAAGTCGGAGCTGCAGCGTGAG
GTGGAGGCACTGGTGGGAGACCGACCTGCTGCTGGCCAGAAGCAACGGCTGGAGCGCGCCCTGGATG
CCATGGAGGTGCCCTTCTCCATCACCAGTACAACATGCAGTGCAGCCAGCGCCACAGCACACCAACCT
TTTGCGTGACCATGTGGAGACAGAGCTGCTGAAGGCCTATCCCCCTGCACCCTCTCAGTGCCCTCAAGAAC
TGCTGCAGCTCCCGCAAAACCTCTGCCTGCAACAAGGGTGCCTGCGAAGTGATGGAGACACTGACAGTGC
AGGAAGAGGAAAACCCAGGGACAGAGGGGTGCAGGACTCGGGCTCTGGCACACAAGGAGGTGTTGACCAA
GGCTGCGAGCAGTGGGCTCTGGGATCCTACCAAGGACCGGCTCTGGTGTCTAGGGCGTCTCCTCCC
TCAGGAAGCTGAGCTCATCCGGAACATTCAGGAGCTGCTGAAGAGAGCCATCGTGCAAGCAGTGAGCCAG
ATCCGGTGGGTGAGGGCTGCCAAGGGATGACTCCTGACCCACCCACGGCTGGTCTGGGGCAAGGCA
TTGAACGACAGGACCTGAAGCTCAGAGCCGGCAGGGGCTGTCCAGGTACAGTGGGAGCACAGGGCTG
GGTGGGGGAGGTTCCGACCAGCCTGAGTTTGAAGTGGCCAAAGCCAGTGCCACAAGTCTCTGCAGCCT
CCCAGCATGGGCGGCAGCTCTTGGTCACTGCTGAGCAGGAGACAGCCGCGCCAGAGCTCCCTCCTGAAG
CGGGCATGAAGTCCTAGCTGCAGCATGGAGGGTCCCAGCGGGGCCCTCCCTGGCCACACGCCAAGGCC
CTGCCCCACCCGCCCCAGACTGAACCGAGAGCACACGGAGATCTGCGAGATGGACTGGTCGGACAAGGT
GGAGGCCTACAACCTCGACAAGACTTGCGGGCGCCACCACAGCCAGAGCACCGAGGTGCAGGCTCATCCG
GCACTCCACCACCTTCCAAGAGAGGGGGGGCCCCAGCTCTGCCCCGTGCTTGCCCTGGCTGTGGTCTCGCC
TCCCTCTGCCTGGGGGGCCCCAGCGGCACTGCTTCCCCAGCCTGGCCAGAGGCCCTCGCCCCGAGGGC
ACTTGGGCAACTGTCTGCCCCGGCATGAGAAAGCGTGCAAGACCTCCTCAAGTGCCAGCGCGTGCACA
GCCTGGTTGCCGTAGACAGGACAGGGTGGGATGCGGTGAGCCCCAGGTGCCGCGAGGATTGCATTTCCA
CCGAAGGCCAGCAGAGGGAGCACGACCACCGCCCACTTGAGCATGGCAAACTCCTGGCCCCGAGCGCCT
CCACCCAGAGACCCGACCAAGTTTACACAGGACAATCTGTGCCGTGCCAGCGCAAGCGCCTGGACTC
GGCCAACTGTGGGTTCTTGTGGACTGCATCCTTCGCGACACCTCCGAGGACCTGGGACTCCAGTGTGAC
GCCATGAACCTGGCCTTCGGGCGCCGCTGTGAGGAAGTGGAGGACGCGCGGCACAAGCTGCAGCACCAAC
TGACACAAGATGCTGCGGGAAATCACAGATCAGGAACACAATGTGGTGCACTGAAGGAGGCCATCAAGGA
CAAGGAGGAACCTCTGCACATAGCCCAGACCCGGCTGTACCTGCCCTCACACCGGCCCAACATGCAGCTG
TGCCGCGAAGCAGCCAGTTACGCCCCAGCTCACACCCCCAACCCCCAAGCTGGTGAGTGAGGTGGA
GGAGCTGTACAAGTCCATCACAGCGCTGCAGGAGAAGCTTCTACAAGCAGAGCAGTCCCTGTGAACCTC
GAGGACATCCACATGAGCCTGGAGAAGGACATCACTGCCATGACCAACAGTCTTTCATCGACCGCCAGA
AGTGATGAGCCATCGTACTTGTACCCCAACCTCCTGCAGCTGGCTGGCTACCAAGTGCAGCGGACGACG
GTGTTCCCCCAGTCCCCCAATAAACAGTGCGTTAACTTTC

5' Read Nucleotide

Sequence:

>OriGene 5' read for AK096952 unedited
 NGGCGTTTACATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGTTGAGT
 GGCCAAAGCCCAGTGCCACAACCTGCTCTGCAGCCTCCCAGCATGGGCGGCAGCTCTTGGT
 CACTGCTGAGCACGAGGACAGCCGGCCAGAGCTCCCTCCTGAAGCGGGCATGAAGTCCT
 AGCCTGCAGCATGGAGGTCCTCCAGCGGGGCCCTCCCTGGCCACACCAAGGCCCTGCC
 CCACCCCGCCCCAGACTGAACCGAGAGCACACGGAGATCTGCGAGATGGACTGGTCGGAC
 AAGGTGGAGGCCTACAACCTCGACAAGACTTGCGGCGGCCACCACAGCAGACCCGAG
 GTGCAGGCTCATCCGGCACTCCACCACCTTCCAAGAGAGGGGGGCCAGCTCTGCCCCG
 TGCTTGCCCTGGCTGTGGTCTCGCCTCCCTCTGCCTGGGGGCCAGCGCACTGCTTCC
 CCCAGCCTGGCCAGAGGCCCTCGCCCCGAGGGCACTTGGGCACTGTCTGCCCTGGC
 ATGAGAAAGCGTGCAAGACCTCCTCAAGTGCCAGCGGTGCACAGCCTGNTTGCCCGTA
 GACAGGACAGGGTGGGTGCGGTGAGCCCAAGCAGCGGAGGATTGCATTTCACCCAG
 GCCAGCAGAGGGAGCACGACCCGCCCCACTTGAGCGTGGCANACTTCTGGCCCTGCAGC
 GCCTCCACCCAGAGACCCGACCAAGTTCACACAGGACAATCTGTGCCACGCCAGCGC
 GAGCGCCTGGACTCGGCCAACCTGTGGTCTTGTGGACTGCATCCNCGCGACACCTCC
 GAGGACCTGGGACCTCAGTGTGACGCCCTGAACCTGGCCTCCGGTGGCCCTGTGAGGAAT
 G

3' Read Nucleotide

Sequence:

>OriGene 3' read for AK096952 unedited
 NGGCGCTTTATGNACCGCGCCGATTCTANGATCGGTTTTTTTTTTTTTTTTTGAAGC
 TAACGCACTGTTTATTTGGGGATTGGGGGAAGCACCCTGCCGCTGCTCACTGGTAGCC
 AGCCAGCTGCAGGATGGTGGGGTAGCAAGTACGATGGGCCATGCACTTCTGGCGGTGAT
 GAAGAGACTGTTGGTATGGCGGTGATGTCCTTCTCCAGGCTCATGTGGATGTCCTCGAG
 GTTGACACAGGACTGCTCTGCTTGTAGAAGCTTCTCCGCGGCACTGTGATGGACTTGT
 CAGCTCCTCCACCTCACTCACCAGCTTGGGGGTGTTGGGGGTGTGAGCTGGGGCTGAAC
 TGGGCTGCTTCGCGGCACAGCTGCATGTTGGGCTGGTGTGAGGCGAGTACAGCCGGTCT
 TGGGCTATGTGCAGAGTTCCTCCTTGCTTGTGCTTGTGCTCCTTCACTGCCACCAGTTG
 GTTTCCTGATCTGTGATTTCCCGCAGCATCTTGTGCAGGTGGTGTGCTGACGCTTGTGCCG
 ACGTCTCCAGTTCCTCACAGCGGCACCCGAAGGCCAGTTTACGGCGTCACACTGGAGT
 CCCAGTCTCTCGGAGGTGTGCGGAATGATGCAGTCCACAAGCACCACAGTTGGGCCGA
 GTCCNAGCGCTCGCGCTGGGCGTGGCACAGATTGCTGTGTAAGTTGGTCCGGGTCTC
 TGGNGTGGAGGCGCTGCAGGGCCAGGAGTTTGCCACGCTCAAGTGGGCGGTGGTCTGCT
 CCCTCTGCTGGCCTTTGGTGGGAAATGGCATTCTGCCGGTTGCCTGGGGCTGACCCGCA
 CCCCACCTGTCTGTCTACAGGCAACCAAGCTGGGCACCC

Restriction Sites:

NotI-NotI

ACCN:

AK096952

Insert Size:

1250 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>AK096952.1</u>
RefSeq Size:	2633 bp
RefSeq ORF:	2633 bp
Locus ID:	389833
Cytogenetics:	4