

Product datasheet for **RC232577**

MFAP3 (NM_001242336) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFAP3 (NM_001242336) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MFAP3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC232577 representing NM_001242336 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCTACATTGTTGCTTATTCACCTTACTGGCAAGTATTATTGTGCCAGCTGCTTTTGTGGAAAG
ATGTGGACTTCGACCAAATGGTTTCACTGGAAGCAAATCGTAGTCTTACAATGCATCCTTTCCCTCAAG
CTTTGAAGCTCAGCAAGTTCCCACTCGGATGATGATGCATCATAGCCAAAGAGGGAAGTACGCTTTCA
ATTGAGTGTCTTCTCACAGCCAGTCACTATGAAGATGTCCATTGGCACAATTCAAAGGACAGCAACTGG
ATGGCAGAAGCAGAGGTGAAAAGTGGTTGGTTTCTGATAACTTCTAAACATCACCAATGTAGCTTTTGA
TGACCGTGGGCTCTATACCTGTTTCGTACCTCTCCAATTCGTGCCTCCTACTCTGTCACCTACGTGTT
ATCTTCACCTCGGGAGACATGAGTGTCTATTACATGATTGTTGCCTGATTGCCTTTACAATCACACTCA
TCTTGAATGTCACACGGCTGTGCATGATGAGCAGCCATCTTCGCAAGACTGAGAAGGCTATCAATGAGTT
CTTTAGAAGTGAAGGGGCTGAGAACTTCAGAAGGCCTTTGAGATTGCAAAACGTATCCCCATCATTACC
TCAGCCAAAACCTGGAGCTCGCCAAAGTCACACAATTTAAGACCATGGAGTTTGCTCGTTATATTGAAG
AACTGGCAAGAAGTGTCCCTCTCCACCTTATTCTAAACTGTCGAGCCTTTGTTGAGGAGATGTTTGA
GGCTGTGCGAGTGGACGACCTGATGACCTGGGTGAAAGAATTAAGAGAGACCTGCCTTGAATGCTCAA
GGTGGCATCTATGTCATTAACCCAGAGATGGGACGGAGTAATTCACCAGGAGGAGATTGAGATGGCT
CTCTGAATGAACAAGGCCAGGAAATAGCAGTTCAGGTTTCTGTCCACCTTCAGTCAGAAACCAAAAGTAT
TGATACAGAGTCTCAAGGCAGCAGTCAATTCAGTCCACCTGATGATATAGGATCTGCAGAATCTAACTGT
AACTACAAAGATGGGGCATATGAAAACGTGTCAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC232577 representing NM_001242336
 Red=Cloning site Green=Tags(s)

MKLHCCLFTLVASIIIVPAAFVLEDVDFDQMVSLANRSSYNASFPSSFELSASSHSDDDVIIAKEGTSVS
 IECLLTASHYEDVHWHNSKGQQLDGRSRGGKWLVDNFLNITNVAFDDRGLYTCFVTSPIRASYSVTLRV
 IFTSGDMSVYYMIVCLIAFTITLILNVTRLCMMSSHLRKTTEKAINEFFRTEGAEKLQKAFEIAKRIPIT
 SAKTLELAKVTQFKTMEFARYIEELARSVPLPPLILNCRAFVEEMFEAVRVDDPDDLGERIKERPALNAQ
 GGIYVINPEMGRSNSPGGSDDGSLNEQQEIAVQVSVHLQSETKSIDTESQGS SHF SPPDDIGSAESNC
 NYKDGAYENCQL

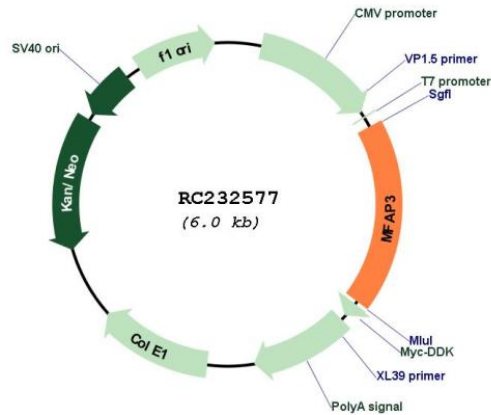
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001242336

ORF Size:	1086 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:	<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_001242336.2
RefSeq Size:	5346 bp
RefSeq ORF:	1089 bp
Locus ID:	4238
UniProt ID:	P55082
Cytogenetics:	5q33.2
Protein Families:	Transmembrane
MW:	40.6 kDa
Gene Summary:	Component of the elastin-associated microfibrils.[UniProtKB/Swiss-Prot Function]