

## Product datasheet for MC202187

### Mfap5 (NM\_015776) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mfap5 (NM_015776) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfap5
Synonyms:	MAGP-2; MFAP-5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC025131 sequence for NM_015776 ACGGACACTCAGCAGCCAGAGGCCACCGGCAGACAGATCGCAGCTCTGTAGACAATATGCTGTTCTTG GGGCAGAAGGCCCTTGCTGCTTGTCTTGGCAGTCAGCATCCCCTCTGACTGGCTACCCTAGGGGTCAGTG GTCAACGTGGAGATGATGTGCCTGAGACATTCACAGACGCCCTAATCTGGTGAACGATCCCTCTACAGA CGATACAGCTCTGGCTGATATCACACCTTCCACGACGACCTAGCTGATGACAAAATGCTACTGCAGAG TGCCGGGATGAGAAGTTTGCTTGTACAAGACTGTACTCTGTCCATCGGCCAGTCAGACAGTGTGTGCACC AGTCTGCTTACCAGTTTACGGCGCATGTACATCATCAATAATGAGATCTGTTCCCGACTCGTCTGTAA AGAACATGAAGCTATGAAAGATGAGCTTGGCCGAGATGGCAGGCCTGCCTCCAAGGCGACTCCGGCGC TCCAACACTTCCGACTTCTCCCTGTGAAAATATGAATTTGCAGAGACCCGATGGTCTGTGATACACAA GGAAGAAAGAAGAAAATGTGGATGAAGGAATCGAAAATCTTTCTCCTTCAACCCTGCCATCTGTCCCG TAGACATGTATTTTTAACTAAGCCCTTTCGAATGCCCGGCTTCTACCTACTCTAATTTTCACTGGT GCTGGTAACGTTTGTCTCATTTTGGCGTACTGACAATACATTGTCTATATTGTGAAAAAAAAAAAAAAAAAAA AAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_015776
Insert Size:	495 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).



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**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:** [BC025131](#), [AAH25131](#)

**RefSeq Size:** 773 bp

**RefSeq ORF:** 495 bp

**Locus ID:** 50530

**UniProt ID:** [Q9QZJ6](#)

**Cytogenetics:** 6 F1

**Gene Summary:** May play a role in hematopoiesis. In the cardiovascular system, could regulate growth factors or participate in cell signaling in maintaining large vessel integrity (PubMed:23963447). Component of the elastin-associated microfibrils (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.