

Product datasheet for **MC204488**

Mfap2 (NM_008546) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mfap2 (NM_008546) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mfap2
Synonyms: AI893631; Magp; Magp1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC035490

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AGCGCAGAGGCCCAACAGCTGTCTCAACGCCACCACCGCTCCTCACTCCATGGCCATGAGAGCCGCC
TGCTCTTCTGCTGTTTCATGCCTGGCTGCTGGCTCAGGGCCAATATGACCTGGATCCTCTCCCCCAT
TCCCGGACCATGTCCAGTACAACCACTATGGCGACCAGATTGACAACGCAGACTACTATGACTACCAAGA
AGTGAGTCTCGGACCCCTGAAGAGCAGTTCAGTCCCAGCAGCAAGTTCAACAGGAAGTCATCCAGCC
CCTACCCAGAACCAGCAGCTGCAGGGACCTGGAGACTGAGCCTACCGAGCCTGGCCCTTTGACTGCC
GCGAAGAACAGTACCCGTGTACCCGCTCTACTCCATCCACAAGCCTTGCAAACAGTGTCTCAACGAGGT
CTGCTTCTACAGCCTCCGCCGAGTGTATGTGGTCAACAAGGAAATATGTGTCCGCACTGTCTGTGCCAC
GAGGAACCTTCCGAGCTGACCTGTGCCGAGACAAGTTCTCCAAGTGTGGCGTGATGGCCGTCAGTGGCC
TGTGCCAATCTGTGGCTGCCTCCTGTGCCAGGAGCTGTGGGGCTGCTAGGGTGGAGCTGGTGTGAGATT
CGAGCCCTGGACCAGCTCGGATCCACCTCAGGCCCTGCCTGACCTGGTGTCTTCTCCCCATCCTGCCCT
CCCTTTCATCCCGGACATCAGTGGCTGTACCTGGGGAGTGTGGTACAGCTGCCTGGGCCCTCC
CATCTTAAGTGGGGCTCCTAACTGTCCAGTCTCCACCCTTAGTGGGGTTCATCCAAGCCCTCGTTGT
GGGGCCTGGGCTTCTCACTGTGCCTTCTCAGTGCCTGGGGCAGCCCTCCTCAGTCTCCTCAGGTAGGCT
GTGCCCTTACCCAGCTGGTCTGCTTGGATTTCTACGCCCCAGGCATGGACCCTCTGTTTTATACA
AAATAATAAAAGTTTTTACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Restriction Sites: RsrII-NotI

ACCN: NM_008546

Insert Size: 552 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).



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| 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: | <u>BC035490</u> , <u>AAH35490</u> |
| RefSeq Size: | 1073 bp |
| RefSeq ORF: | 552 bp |
| Locus ID: | 17150 |
| UniProt ID: | <u>P55002</u> |
| Cytogenetics: | 4 D3 |
| Gene Summary: | Component of the elastin-associated microfibrils.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a). 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. CCDS Note: The coding region has been updated to extend the N-terminus. The use of an alternative upstream start codon, which appears to be rodent-specific, would result in a protein that is 2 aa longer at the N-terminal. |