

Product datasheet for **SC334084**

MAGP2 (MFAP5) (NM_001297709) Human Untagged Clone

Product data:

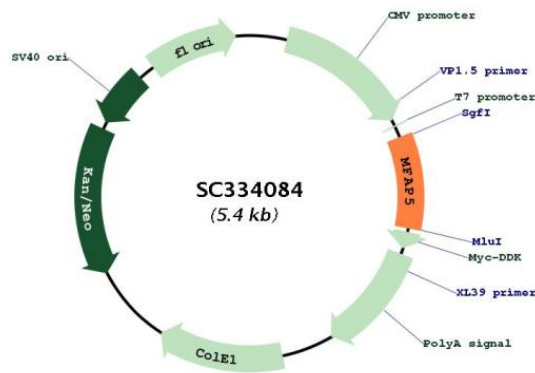
Product Type:	Expression Plasmids
Product Name:	MAGP2 (MFAP5) (NM_001297709) Human Untagged Clone
Tag:	Tag Free
Symbol:	MFAP5
Synonyms:	AAT9; MAGP-2; MAGP2; MFAP-5; MP25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334084 representing NM_001297709. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCGCTCTTGGGACCAAGGTGCTGCTGTTTCTTGCTGCATTCATCATCACCTCTGACTGGATACCC
CTGGGGGTCAATAGTCAACGAGGAGACGATGTGACTCAAGCGACTCCAGAAACATTCACAGAAGATCCT
AATCTGGTGAATGATCCCGCTACAGATGAAACAGTTTTGGCTGTTTTGGCTGATATTGCACCTCCACA
GATGACTTGGAGTCTGGGATGAGAAATTTACCTGCACAAGGCTCTACTCTGTGCATCGGCCGTTAAA
CAATGCATTCATCAGTTATGCTTACCAGTTTACGACGTATGTACATCGTCAACAAGGAGATCTGCTCT
CGTCTTGTCTGTAAGGAACACGAAGCTATGAAAGATGAGCTTTGCCGTGATGGCTGGTCTGCCCCCT
AGGAGACTCCGTGCTCCAATTACTTCCGACTTCTCCCTGTGAAATGTGGATTTGCAGAGACCCAAT
GGTCTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: NM_001297709

Insert Size: 492 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.

RefSeq: [NM_001297709.1](#)

RefSeq Size: 2919 bp

RefSeq ORF: 492 bp

Locus ID: 8076

UniProt ID: [Q13361](#)

Cytogenetics: 12p13.31

Protein Families: Secreted Protein

MW: 18.6 kDa

Gene Summary: This gene encodes a 25-kD microfibril-associated glycoprotein which is a component of microfibrils of the extracellular matrix. The encoded protein promotes attachment of cells to microfibrils via alpha-V-beta-3 integrin. Deficiency of this gene in mice results in neutropenia. Alternate splicing results in multiple transcript variants encoding different isoforms.

[provided by RefSeq, Jul 2014]

Transcript Variant: This variant (2) lacks an alternate in-frame exon, in the central coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a.