

## Product datasheet for **TP303242**

### **MAGP2 (MFAP5) (NM\_003480) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human microfibrillar associated protein 5 (MFAP5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203242 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSLLGPKVLLFLAAFIITSDWIPLGVNSQRGDDVTQATPETFTEDPNLVNDPATDETVLAVLADIAPSTD DLASLSEKNNTAECWDEKFTCTRLYSVHRPVKQCIHQLCFTSLRRMYIVNKEICSRVCKEHEAMKDEL RQMAGLPPRRLRRSNYFRLPPCENVDLQRPNGL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	19.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003471</a>
Locus ID:	8076
UniProt ID:	<a href="#">Q13361</a> , <a href="#">B3KW70</a>
RefSeq Size:	2949



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Cytogenetics: 12p13.31

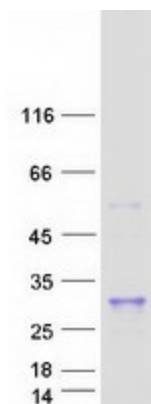
RefSeq ORF: 519

Synonyms: AAT9; MAGP-2; MAGP2; MFAP-5; MP25

**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]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified MFAP5 protein (Cat# TP303242). The protein was produced from HEK293T cells transfected with MFAP5 cDNA clone (Cat# [RC203242]) using MegaTran 2.0 (Cat# [TT210002]).