

Product datasheet for PH303242

MAGP2 (MFAP5) (NM_003480) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MFAP5 MS Standard C13 and N15-labeled recombinant protein (NP_003471)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203242
Predicted MW:	19.6 kDa
Protein Sequence:	>RC203242 protein sequence Red=Cloning site Green=Tags(s) MSLLGPKVLLFLAAFIIITSDWIPLGVNSQRGDDVTQATPETFTEDPNLVNDPATDETVLAVLADIAPSTD DLASLSEKNTTAECDWEKFTCTRLYSVHRPVKQCIHQCFSLRRMYIVNKEICSRVCKEHEAMKDEL C RQ MAGLPPRRLLRRSNYFRLPPCENVDLQRPNGL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003471
RefSeq Size:	2949
RefSeq ORF:	519
Synonyms:	AAT9; MAGP-2; MAGP2; MFAP-5; MP25
Locus ID:	8076
UniProt ID:	Q13361 , B3KW70



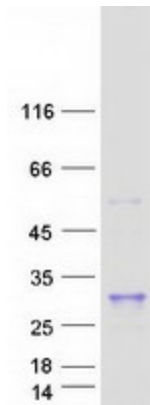
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Cytogenetics: 12p13.31

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]).