

Recombinant Human MFAP5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MFAP5-3683H Lot. No. (See product label)

SPECIFICATION

Product Overview	MFAP5 MS Standard C13 and N15-labeled recombinant protein (NP_003471) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-173 aa
Description	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.
Molecular Mass	19.6 kDa
AA Sequence	MSLLGPKVLLFLAAFIITSDWIPLGVNSQRGDDVTQATPETFTEDPNLVNDPATDETV LAVLADIAPSTDDLASLSEKNTTAECWDEKFTCTRLYSVHRPVKQCIHQLCFTSLRR MYIVNKEICSRVLVCKEHEAMKDELCRQMAGLPPRRLRRSNYFRLPPCENVDLQRPN GLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MFAP5 microfibrillar associated protein 5 [Homo sapiens (human)]
Official Symbol	MFAP5
Synonyms	MFAP5; microfibrillar associated protein 5; microfibrillar-associated protein 5; MAGP2; MP25; MAGP-2; MFAP-5; microfibril-associated glycoprotein 2; microfibril-associated glycoprotein-2;
Gene ID	8076
mRNA Refseq	NM_003480
Protein Refseq	NP_003471
MIM	601103
UniProt ID	Q13361

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