MFAP2 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MFAP2, Blocking Peptide
Full Product Name	MFAP2 Peptide - N-terminal region
Product Gene Name	MFAP2 blocking peptide
Product Synonym Gene Name	MAGP; MAGP-1; MAGP1
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	MFAP2 peptide (MBS3238044) is used for blocking the activity of MFAP2 antibody (MBS3213099)
Molecular Weight	19kDa
OMIM	156790
Product Categories/Family for MFAP2 blocking peptide	Peptide
Applications Tested/Suitable for MFAP2 blocking peptide	Western Blot (WB)
Related Product Information for MFAP2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-MFAP2 antibody made Target Description: Microfibrillar-associated protein 2 is a major antigen of elastin-associated microfibrils and a candidate for involvement in the etiology of inherited connective tissue diseases. Four transcript variants encoding two different isoforms have been found for
Other Notes	Small volumes of MFAP2 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MFAP2 purchase	MBS3238044 is a blocking peptide targeting MFAP2. Also known as MFAP2 Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MFAP2. It may not necessarily be applicable to this product.

NCBI GI #	9665259
NCBI GeneID	4237
NCBI Accession #	NP_059453
UniProt Primary Accession #	P55001
UniProt Related Accession #	P55001
GenBank Nucleotide #	NM_016282
NCBI Official Full Name	microfibrillar-associated protein 2 isoform a
NCBI Official Synonym Full Names	microfibril associated protein 2
NCBI Official Symbol	MFAP2
NCBI Official Synonym Symbols	MAGP; MAGP1; MAGP-1

UniProt Protein Name	Microfibrillar-associated protein 2
UniProt Synonym Protein Names	Microfibril-associated glycoprotein 1; MAGP; MAGP-1
Protein Family	Microfibrillar-associated protein
UniProt Gene Name	MFAP2
UniProt Synonym Gene Names	MAGP1; MFAP-2; MAGP; MAGP-1
UniProt Entry Name	MFAP2_HUMAN
NCBI Protein Information	microfibrillar-associated protein 2
NCBI Summary for MFAP2	Microfibrillar-associated protein 2 is a major antigen of elastin-associated microfibrils and a candidate for involvement in the etiology of inherited connective tissue diseases. Four transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
UniProt Comments for MFAP2	MFAP2: Component of the elastin-associated microfibrils. Belongs to the MFAP family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 1p36.1-p35 Cellular Component: extracellular region; microfibril Molecular Function: fibronectin binding Biological Process: extracellular matrix organization and biogenesis; platelet formation
Research Articles on MFAP2	**1.** Our characterization of alternative forms of MAGP2 present in the extracellular space not only enhances diversity of this ECM protein but also provides a previously unrecognized molecular mechanism for regulation of MAGP2 biological activity.
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