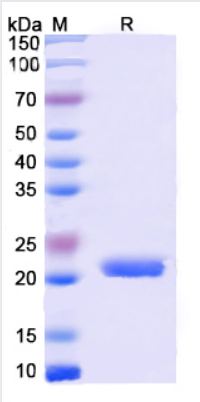
MFAP2 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	MFAP2, Recombinant Protein
Full Product Name	Recombinant Human MFAP2 Protein, N-His
Product Gene Name	MFAP2 recombinant protein
Product Synonym Names	MAGP; Microfibril-associated glycoprotein 1; MAGP-1; MFAP-2; Microfibrillar-associated protein 2; MAGP1; MFAP2
Sequence	Gln20-Cys1 83
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	17,444 Da
OMIM	156790
3D Structure	ModBase 3D Structure for P55001
Species	Homo sapiens (Human)
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Product Categories/Family for MFAP2 recombinant protein	Recombinant Protein; Other Proteins; Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for MFAP2 recombinant protein	ELISA (EIA), Immunogen, SDS-PAGE, Western Blot (WB), Bioactivity testing in progress
Related Product Information for MFAP2 recombinant protein	MBS1587509 is a recombinant protein targeting MFAP2. Also known as Recombinant Human MFAP2 Protein, N-His. Host: E coli.
Other Notes	Small volumes of MFAP2 recombinant protein 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.



SDS-Page of MFAP2 recombinant protein
SDS-PAGE for Recombinant Human MFAP2 protein

ADDITIONAL DETAILS

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

NCBI GI #	207028905
NCBI GeneID	4237
NCBI Accession #	NP_001128719.1
UniProt Primary Accession #	P55001
UniProt Secondary Accession #	Q53X60; Q5JXY0
UniProt Related Accession #	P55001
GenBank Nucleotide #	NM_001135247.1
NCBI Official Full Name	microfibrillar-associated protein 2 isoform b
NCBI Official Synonym Full Names	microfibrillar-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; microfibril-associated glycoprotein 1
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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