

Recombinant Human microfibrillar-associated protein 4, His-tagged

Cat. No. MFAP4-7136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MFAP4 protein, fused to His-tag at N-terminus, was expressed in E. coli. MW: 29.2 kDa
Species	Human
Source	E.coli
ProteinLength	22-255aa
Description	MFAP4, also as known as microfibrillar-associated protein 4, belongs to Fibrinogen protein family and contains 1 fibrinogen C-terminal domain. This protein has similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. Deletion of MFAP4 was found in 30 of 31 patients with Smith-Magenis syndrome (SMS), a clinically recognizable multiple congenital anomaly/mental retardation syndrome.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	29.2 kDa (259aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHM NGSVSFFRGW NDYKLGFGRA DGEYWLGLQN MHLTLKQKY ELRVDLEDGE NNTAYAKYAD FSISPNAVSA EEDGYTLFVA GFEDGGAGDS VSGIR GDALERFCLQ QPLDCDDIYA

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QGYQSDGVYL IYPSGPSVPV PVFCDMTTEG GKWTVFQKRFLSYHSGQKFS
TFDRDQDLFV QNCAALSSGA FWFRSCHFAN LNGFYLGGS LSYANGINWA
QWKGFYYSK RTEMKIRRA

Purity >90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [MFAP4 microfibrillar-associated protein 4 \[Homo sapiens \]](#)

Official Symbol MFAP4

Synonyms MFAP4; microfibrillar-associated protein 4; microfibril-associated glycoprotein 4; microfibril associated glycoprotein 4;

Gene ID [4239](#)

mRNA Refseq [NM_001198695](#)

Protein Refseq [NP_001185624](#)

MIM [600596](#)

UniProt ID [P55083](#)

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Chromosome Location	17p11.2
Function	molecular_function; receptor binding;