

# Product information



## MFAP4, 22-255aa

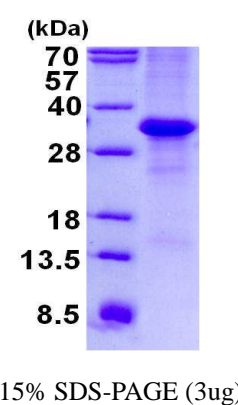
Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1707

**Full name:** microfibrillar-associated protein 4

**NCBI Accession No.:** NP\_002395

**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. Recombinant human MFAP4 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

<p><b>Form:</b> Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol</p> <p><b>Molecular Weight:</b> 29.2 kDa (259aa)</p> <p><b>Purity:</b> &gt; 90% by SDS - PAGE</p> <p><b>Concentration:</b> 1 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHH SSGLVPRGSH MGS<del>H</del>MVSGIR GDALERFCLQ QPLDCDDIYA QGYQSDGVYL IYPSGPSVPV PVFCDMTTEG GKWTVFQKRF NGSVSFFFRGW NDYKLGFGRA DGEYWLGLQN MHLTLTKQKY ELRVDLED<del>F</del>E NNTAYAKYAD FSISPNVSA EEDGYTLFVA GFEDGGAGDS LSYHSGQKFS TFD<del>R</del>DQDLFV QNCAALSSGA FWFRSCHFAN LNGFYLG<del>G</del>SH LSYANGINWA QWKGFYSLK RTEMKIRRA</p>	

### General references:

Lausen M, *et al.* (1999) *J Biol Chem.* 274(45):32234-40.

Zhao, Z., *et al.* (1995) *Mol. Genet.* 4: 589-597.

**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.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

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