

**MFAP4, 22-255aa, Human, His-tag, Baculovirus**

**Cat.NO.: TP02961**

3th Edition

**Synonyms:**Microfibril-associated glycoprotein 4 isoform 2, MFAP4

**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, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**27.5kDa (243aa), 28-40kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADLVSGIRGDALERFCLQQPLDCDDIYAQGYQSDGVYLIYPSGSPVPVPVFCDMTTEGGKWTVFQKRFNGSVSFF  
RGWNDYKLGFGRADGEYWLGLQNMHLLTLKQKYELRVDLEDFENNTAYAKYADFSISPNVSAEEDGYTLFVAGF  
EDGGAGDSL SYHSGQKFSTFDRDQDLFVNCAALSSGAFWFRSCHFANLNGFYLGSHLSYANGINWAQWKGF  
YYSLKRTEMKIRRAHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.