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## Product Data Sheet

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Product Name: MFAP4 Human, Sf9

Cat. No.: GP23921

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Microfibrillar Associated Protein 4; Microfibril-Associated Glycoprotein 4; Microfibril-associated glycoprotein 4.		
Amino Acid Sequence	ADLVSGIRGDALERFCLQQP LDCDDIYAQG YQSDGVYLIY PSGPSVPVPV FCDMTTEGGK WTVFQKRFNG SVSFFRGWNDYKLGFGGRADG EYWLGLQNMH LLTLKQKYEL RVDLEDFENN TAYAKYADFS ISPNAVSAEE DGYTLFVAGFEDGGAGDSL S YHSGQKFSTF DRDQDLFVQNCAALSSGAFW FRSCHFANLN GFYLGGSLS YANGINWAQW KGFYSLKRTEMKIRRAHHH HHH.		
Formulation	MFAP4 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

**Introduction**

Microfibrillar-associated protein 4 (MFAP4) is a member of Fibrinogen protein family and contains 1 fibrinogen C-terminal domain. The MFAP4 protein has similarity to a bovine microfibril-associated protein. MFAP4 has binding specificities for both collagen and carbohydrate. MFAP4 is believed to be an extracellular matrix protein that is involved in cell adhesion or intercellular interactions. MFAP4 deletion was found in 30 of 31 Smith-Magenis syndrome (SMS) patients.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

MFAP4 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated

**Caution: Product has not been fully validated for medical applications. For research use only.**

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polypeptide chain containing 243 amino acids (22-255a.a) and having a molecular mass of 27.5kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).MFAP4 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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