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## Product Data Sheet

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Product Name: MFAP3 Human  
 Cat. No.: GP23919  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Microfibril-associated glycoprotein 3; MFAP3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSAFVLEDV DFDQMVSLEA NRSSYNASFP SSFELSASSH SDDDVIIAKE GTSVSIECLL TASHYEDVHW HNSKGQQLDG RSRGGKWLVS DNFLNITNVA FDDRGLYTCF VTSPIRASYS VTLRVIFTSG DM.		
Formulation	The MFAP3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

### Introduction

Microfibrillar-associated Protein 3 (MFAP3) contains 1 Ig-like C2-type (immunoglobulin-like) domain, and belongs to IncRNA RNA class. The MFAP3 protein is a component of the elastin-associated microfibrils. Among MFAP3 related pathways are degradation of the extracellular matrix and elastic fiber formation. An significant paralog of the MFAP3 gene is MFAP3L.

### 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

MFAP3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 152 amino acids (19-147) and having a molecular mass of 16.7 kDa. MFAP3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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