
Product Data Sheet

Product Name: MFAP4 Human
 Cat. No.: GP23920
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Microfibrillar-Associated Protein 4; Microfibril-Associated Glycoprotein 4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMVSGIR GDALERFCLQ QPLDCDDIYA QGYQSDGVYL IYPSGPSVPV PVFCDMTTEG GKWTVFQKRF NGSVSFFRGW NDYKLGFGRA DGEYWLGLQN MHLTLKQKY ELRVDLEDFE NNTAYAKYAD FSISPNAVSA EEDGYTLFVA GFEDGGAGDS LSYHSGQKFS TFD RDQDLFV QNCAALSSGA FWFRSCHFAN LNGFYLGGS LSYANGINWA QWKGFYYSLK RTEMKIRRA		
Formulation	The MFAP4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 E. coli is a single polypeptide chain containing 259 amino acids (22-255) and having a molecular mass of 29.2 kDa. MFAP4 is fused to a

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25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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