

Datasheet for ABIN5854748
MFAP4 Protein (AA 22-255) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	MFAP4
Protein Characteristics:	AA 22-255
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFAP4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLVSGIRGD ALERFCLQQP LDCDDIYAQG YQSDGVYLIY PSGPSVPVPV FCDMTTEGGK WTVFQKRFNG SVSFFRGWND YKLGFGRADG EYWLGLQNMH LLTLKQKYEL RVDLEDFENN TAYAKYADFS ISPNAVSAEE DGYTLFVAGF EDGGAGDSLS YHSGQKFSTF DRDQDLFVQN CAALSSGAFW FRSCHFANLN GFYLGGSLS YANGINWAQW KGFYYSKRT EMKIRRAHHH HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	MFAP4
Alternative Name:	MFAP4 (MFAP4 Products)
Background:	MFAP4, also as known as microfibrillar-associated protein 4, belongs to Fibrinogen protein

Target Details

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.

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

NCBI Accession: [NP_002395](#)

UniProt: [P55083](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

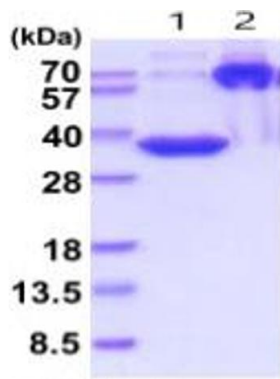
Format: Liquid

Concentration: 1 mg/mL

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



LANE 1 : Reduced form
LANE 2 : Non-Reduced form

15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.