

Datasheet for ABIN7275233

MFAP5 Protein (AA 29-164) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MFAP5
Protein Characteristics:	AA 29-164
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFAP5 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse MFAP5 Protein
Sequence:	Gln29-Leu164
Characteristics:	Recombinant Mouse MFAP5 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln29-Leu164.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MFAP5
Alternative Name:	MFAP5 (MFAP5 Products)

Target Details

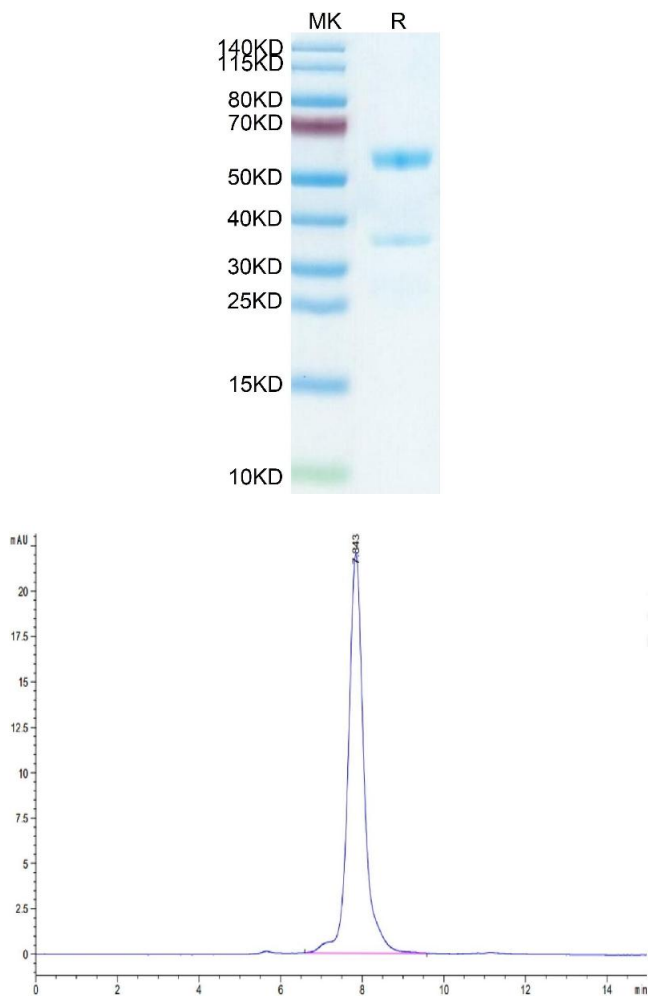
Background:	Human basal-like breast cancer (BLBC) is an aggressive malignancy with poor prognosis. Since most current treatments are ineffective, there is an urgent need to identify therapeutic targets for BLBC. Microfibrillar-associated protein 5 (MFAP5) plays an important role in the integration of elastic microfibers and the regulation of endothelial cell behaviors. MFAP5 was significantly overexpressed in BLBC tissues and associated with poor metastasis-free survival of patients with BLBC.
Molecular Weight:	42.4 kDa. Due to furin cleavage and glycosylation, the protein migrates to 32-38 kDa and 50-65 kDa based on Tris-Bis PAGE result.
UniProt:	Q9QZJ6

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse MFAP5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse MFAP5 is greater than 95 % as determined by SEC-HPLC.