Mouse MFAP5 Protein

Cat. No. MAP-MM2P5

Description

Source	Recombinant Mouse MFAP5 Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Gln29-Leu164.
Accession	Q9QZJ6
Molecular Weight	The protein has a predicted MW of 42.4 kDa. Due to furin cleavage and glycosylation, the protein migrates to 32-38 kDa and 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

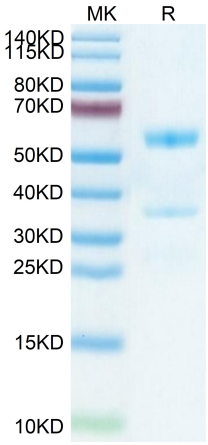
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

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.

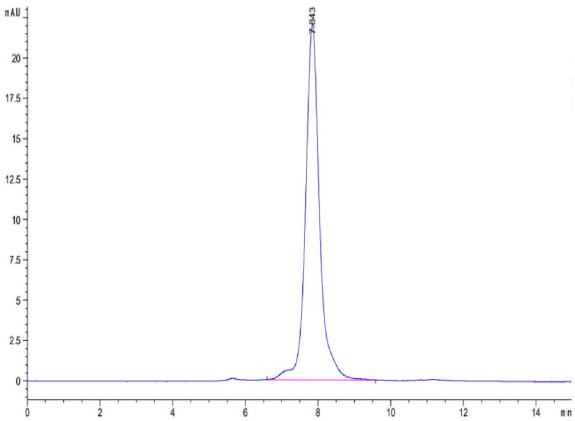
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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