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Datasheet for ABIN7275231

## MFAP5 Protein (AA 22-173) (Fc Tag)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	MFAP5
Protein Characteristics:	AA 22-173
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFAP5 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Human MFAP5 Protein
Sequence:	Ile22-Leu173
Characteristics:	Recombinant Human MFAP5 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ile22-Leu173.
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 ( <a href="#">MFAP5 Products</a> )

## 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:** 44.1 kDa. Due to furin cleavage and glycosylation, the protein migrates to 32-38 kDa and 55-65 kDa based on Tris-Bis PAGE result.

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

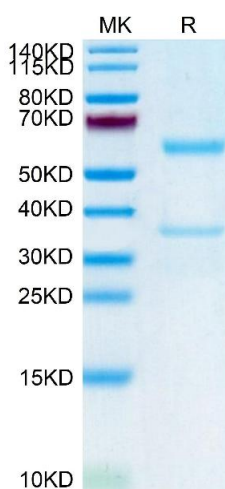
**Buffer:** Supplied as 0.22µm filtered solution in PBS (pH 7.4).

**Storage:** -80 °C

**Storage Comment:** Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

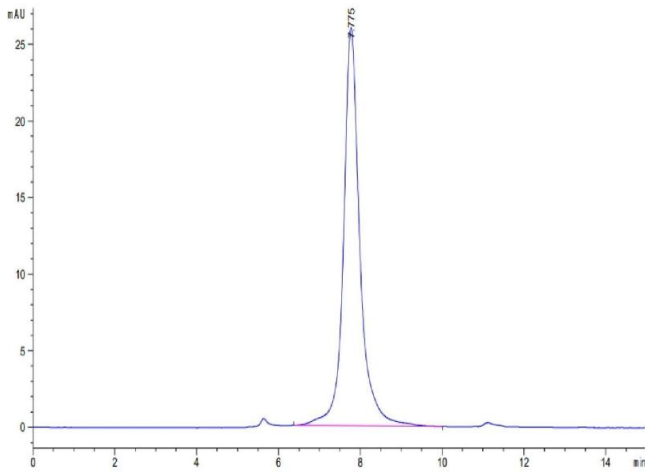
**Expiry Date:** 12 months

## Images



### SDS-PAGE

**Image 1.** Human 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 Human MFAP5 is greater than 95 % as determined by SEC-HPLC.