

Datasheet for ABIN7274583

**FAP Protein (His tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	FAP
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAP protein is labelled with His tag.

## Product Details

Sequence:	Leu26-Asp760
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.
Biological Activity Comment:	Immobilized Human FAP, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC50 of 25.8ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	FAP
Alternative Name:	FAP ( <a href="#">FAP Products</a> )
Background:	FAP, FAPalpha, SIMP, Seprase, APCE, DPPIV, DPPIVA, FAPA,Fibroblast activation protein (FAP) is a serine protease that has been reported in fibroblasts and some carcinoma cells, which

## Target Details

	correlates with poor patient outcomes. FAP can be induced under hypoxia which is also vital in the malignant behaviors of cancer cells.
Molecular Weight:	86.1 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Tube Formation</a>

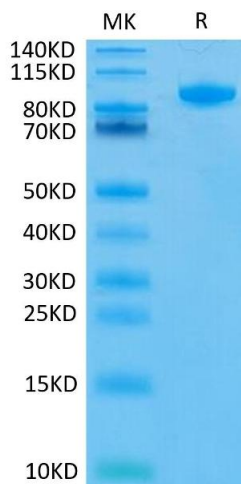
## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in 20 mM Tris, 250 mM NaCl ( pH 8.2). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

## Images

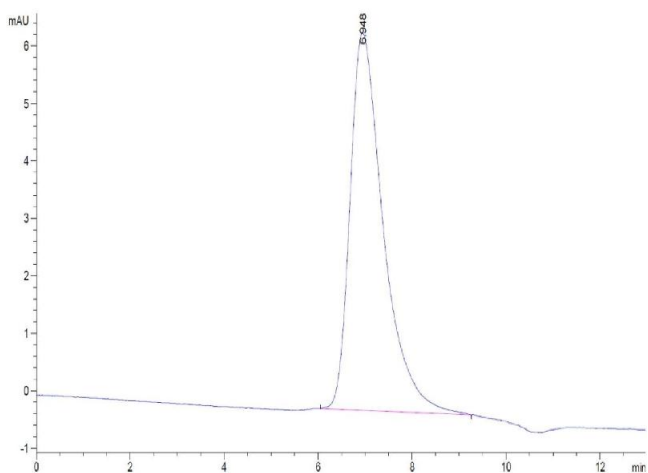


### SDS-PAGE

**Image 1.** Human FAP on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human FAP is greater than 95 % as determined by SEC-HPLC.



**Human FAP, His Tag ELISA**  
0.05µg Human FAP, His Tag Per Well

ELISA

**Image 3.** Immobilized Human FAP, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC50 of 25.8 ng/mL determined by ELISA.

