

Datasheet for ABIN7274584

FAP Protein (AA 26-760) (Fc Tag)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FAP
Protein Characteristics:	AA 26-760
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAP protein is labelled with Fc Tag.

Product Details

Purpose:	Human FAP Protein
Sequence:	Leu26-Asp760
Characteristics:	Recombinant Human FAP Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Leu26-Asp760.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 90 % 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, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-FAP Antibody, hFc Tag with the EC50 of 33.3ng/ml determined by ELISA. See testing image for detail.

Target Details

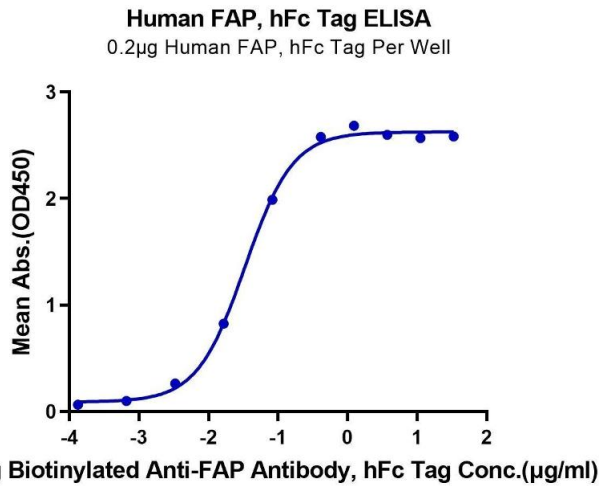
Target:	FAP
Alternative Name:	FAP (FAP Products)
Background:	Fibroblast activation protein (FAP) is a serine protease that has been reported in fibroblasts and some carcinoma cells, which correlates with poor patient outcomes. FAP can be induced under hypoxia which is also vital in the malignant behaviors of cancer cells.
Molecular Weight:	112.3 kDa. Due to glycosylation, the protein migrates to 110-120 kDa based on Tris-Bis PAGE result.
Pathways:	Tube Formation

Application Details

Restrictions:	For Research Use only
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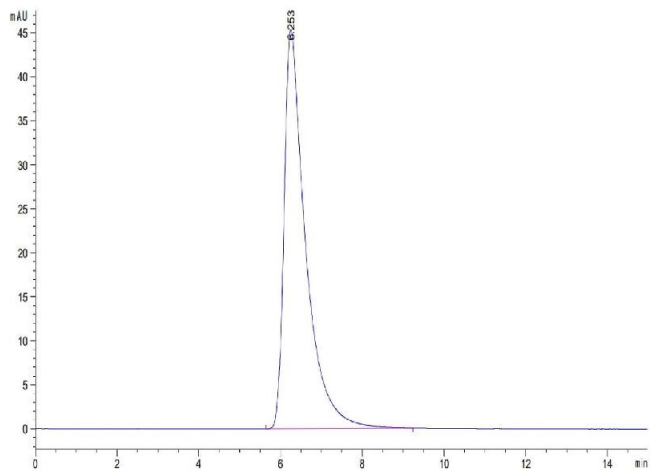
Handling

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



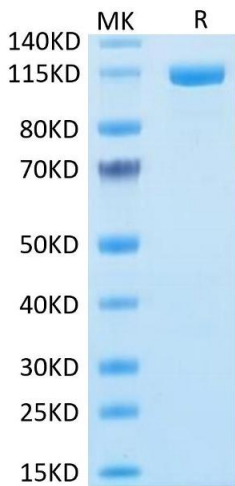
ELISA

Image 1. Immobilized Human FAP, hFc Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-FAP Antibody, hFc Tag with the EC50 of 33.3 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

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



SDS-PAGE

Image 3. Human FAP on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274584.