

Datasheet for ABIN7274581

**FAP Protein (AA 26-760) (His tag)****3** Images[Go to Product page](#)

## Overview

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

## Product Details

Purpose:	Cynomolgus FAP Protein
Sequence:	Leu26-Asp760
Characteristics:	Recombinant Cynomolgus FAP Protein is expressed from HEK293 with His tag at the N-Terminus. It contains 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 Cynomolgus FAP at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC50 of 31.2ng/ml determined by ELISA. See testing image for detail.

## Target Details

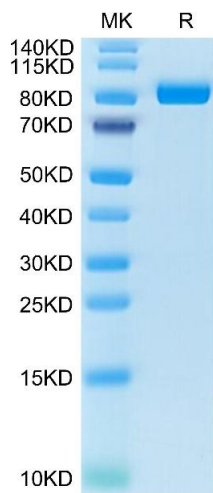
Target:	FAP
Alternative Name:	FAP ( <a href="#">FAP Products</a> )
Background:	Fibroblast activation protein (FAP) is a serine protease that has been reported in fibroblasts and some carcinoma cells, which correlates with poor patient outcomes. FAP can be induced under hypoxia which is also vital in the malignant behaviors of cancer cells.
Molecular Weight:	86.2 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005573377</a>
Pathways:	<a href="#">Tube Formation</a>

## Application Details

Restrictions:	For Research Use only
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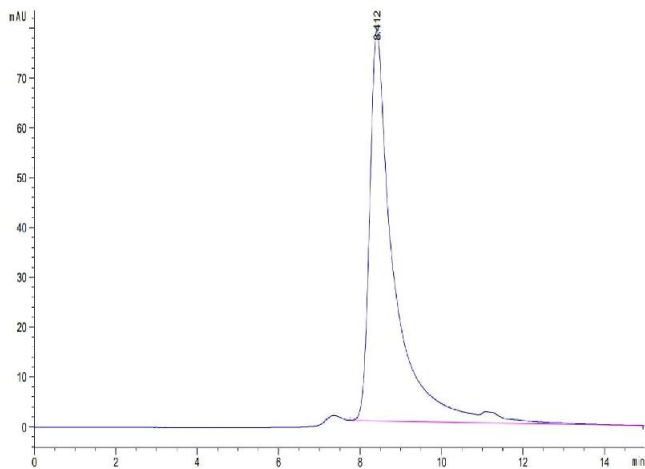
## Handling

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



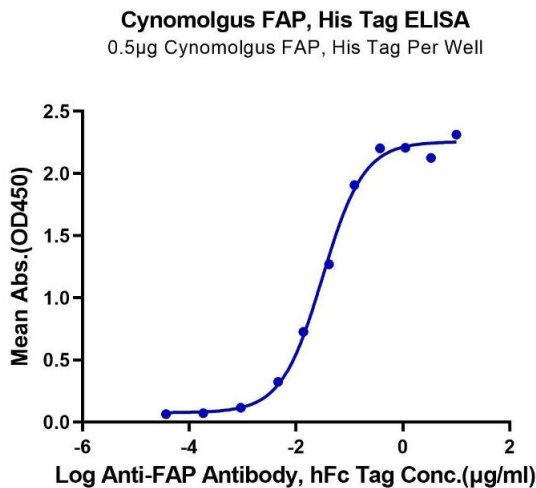
SDS-PAGE

**Image 1.** Cynomolgus FAP 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 Cynomolgus FAP is greater than 95 % as determined by SEC-HPLC.



ELISA

**Image 3.** Immobilized Cynomolgus FAP at 5 µg/mL (100 µ L/well) on the plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC50 of 31.2 ng/mL determined by ELISA.