

Datasheet for ABIN7274582

FAP Protein (AA 26-760) (His-Avi Tag,Biotin)**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-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Cynomolgus FAP Protein
Sequence:	Leu26-Asp760
Characteristics:	Recombinant Biotinylated Cynomolgus FAP Protein is expressed from HEK293 with His tag and Avi 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 Anti-FAP Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus FAP, His Tag with the EC50 of 58.5ng/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:	88 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_005573377
Pathways:	Tube Formation

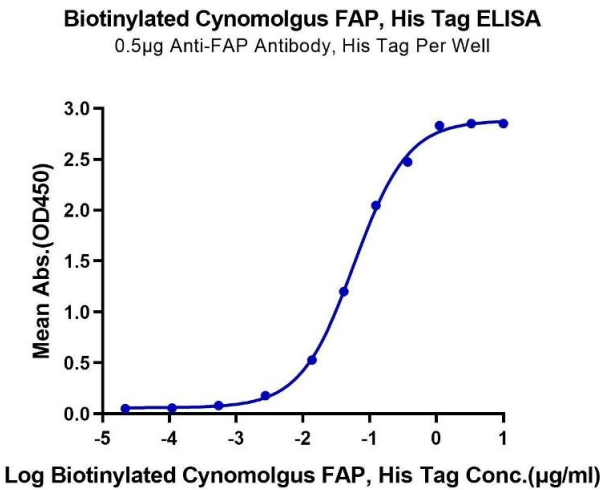
Application Details

Restrictions:	For Research Use only
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Handling

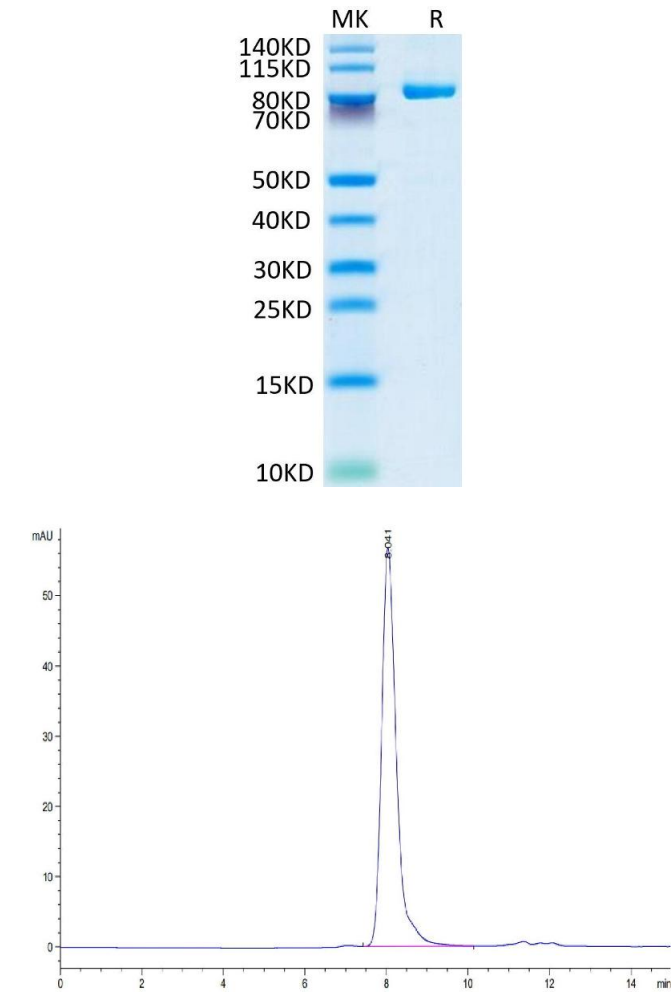
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM Tris, 500 mM NaCl, 200 mM Arginine (pH 8.2).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



ELISA

Image 1. Immobilized Anti-FAP Antibody, hFc Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Cynomolgus FAP, His Tag with the EC50 of 58.5 ng/mL determined by ELISA.



SDS-PAGE

Image 2. Biotinylated Cynomolgus FAP on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Biotinylated Cynomolgus FAP is greater than 95 % as determined by SEC-HPLC.