

Datasheet for ABIN7092782
FAP Protein (AA 30-760) (His tag)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	FAP
Protein Characteristics:	AA 30-760
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAP protein is labelled with His tag.

Product Details

Purpose:	Recombinant human FAP(30-760) protein with N-terminal 6xHis tag
Specificity:	6xHis tag FAP (30-760) (Arg30-Asp760)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FAP
Alternative Name:	FAP (FAP Products)
Background:	The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to

Target Details

the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: predicted molecular mass of 85.4 kDa after removal of the signal peptide. The apparent molecular mass of His-FAP(30-760) is 100-130 kDa due to glycosylation.

UniProt: [Q12884](#)

Pathways: [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

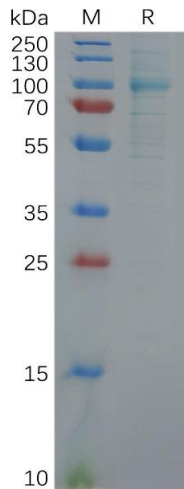
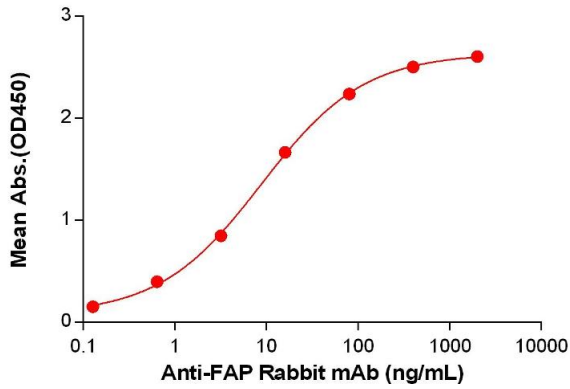
Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human FAP, His tagged protein ELISA

0.1 µg of Human FAP, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human FAP(30-760) Protein, His Tag(ABIN7092782, ABIN7272372 and ABIN7272373) can bind Anti-FAP Rabbit mAb in a linear range of 3.2-80 ng/mL.

SDS-PAGE

Image 2. Human FAP (30-760) Protein, His Tag on SDS-PAGE under reducing condition.