

Datasheet for ABIN7013467  
**FAP Protein (AA 26-760) (His tag)**

## 3 Images

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## Overview

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

## Product Details

Characteristics:	Human FAP Protein, His Tag (MALS verified) (active enzyme)
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	FAP
Alternative Name:	FAP ( <a href="#">FAP Products</a> )
Background:	FAP (also known as seprase) is a Type II transmembrane serine protease. Both plasma membrane and soluble forms exhibit post-proline cleaving endopeptidase activity, with a marked preference for Ala/Ser-Gly-Pro-Ser/Asn/Ala consensus sequences. Degrade also gelatin, heat-denatured type I collagen. Also has dipeptidyl peptidase activity, with a preference

Target Details

for Ala-Pro, Ile-Pro, Gly-Pro, Arg-Pro and Pro-Pro. The plasma membrane form, in association with either DPP4, PLAUR or integrins, is involved in the pericellular proteolysis of the extracellular matrix (ECM), and hence promotes cell adhesion, migration and invasion through the ECM. Promotes glioma cell invasion through the brain parenchyma by degrading the proteoglycan brevican. Acts as a tumor suppressor in melanocytic cells through regulation of cell proliferation and survival in a serine protease activity-independent manner.

Molecular Weight:	86.9 kDa
Pathways:	<a href="#">Tube Formation</a>

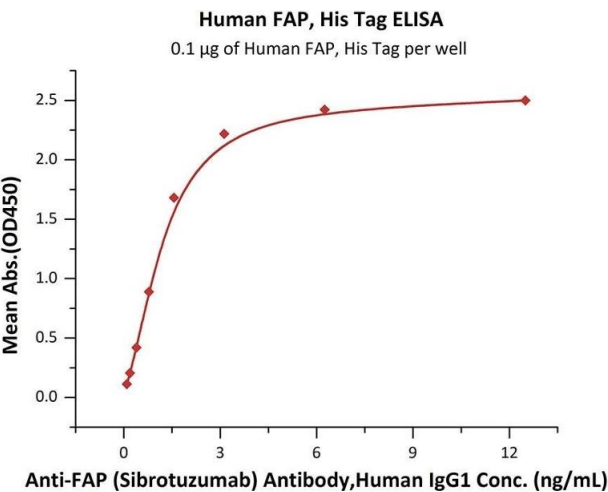
Application Details

Restrictions:	For Research Use only
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Handling

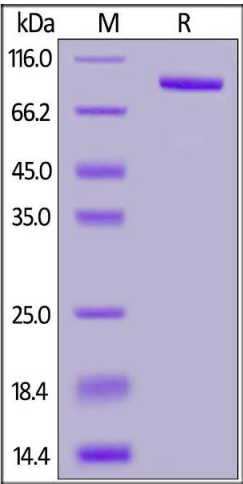
Format:	Powder
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



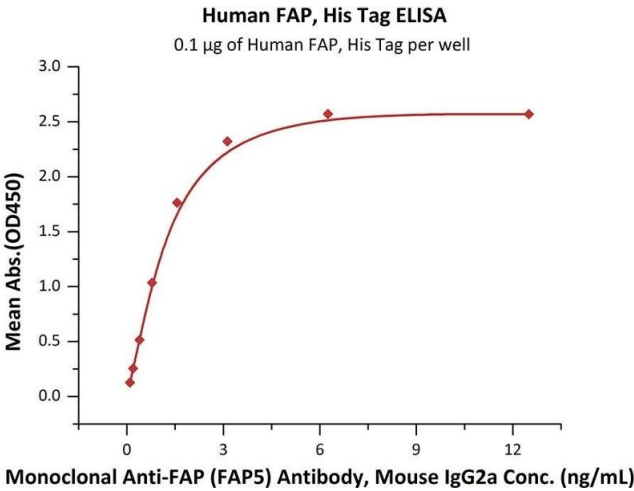
**ELISA**

**Image 1.** Immobilized Human FAP, His Tag (ABIN6973052) at 1 µg/mL (100 µL/well) can bind Anti-FAP (Sibrotuzumab) Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL (Routinely tested).



SDS-PAGE

**Image 2.** Human FAP, His Tag (MALS verified) on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

**Image 3.** Immobilized Human FAP, His Tag (ABIN6973052) at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-FAP (FAP5) Antibody, Mouse IgG2a with a linear range of 0.1-2 ng/mL (QC tested).