

Datasheet for ABIN7320932

**FAP Protein (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	FAP
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FAP protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse FAP protein (His Tag)
Sequence:	26L-349G
Characteristics:	A DNA sequence encoding the Mouse FAP protein (P97321) (26L-349G) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40349)

## Target Details

Target:	FAP
Alternative Name:	FAP ( <a href="#">FAP Products</a> )
Background:	Background: Cell surface glycoprotein serine protease that participates in extracellular matrix

## Target Details

degradation and involved in many cellular processes including tissue remodeling, fibrosis, wound healing, inflammation and tumor growth. 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, on substrate such as alpha-2-antiplasmin SERPINF2 and SPRY2. Degrade also gelatin, heat-denatured type I collagen, but not native collagen type I and IV, vitronectin, tenascin, laminin, fibronectin, fibrin or casein. Have also dipeptidyl peptidase activity, exhibiting the ability to hydrolyze the prolyl bond two residues from the N-terminus of synthetic dipeptide substrates provided that the penultimate residue is proline, with a preference for Ala-Pro, Ile-Pro, Gly-Pro, Arg-Pro and Pro-Pro. Natural neuropeptide hormones for dipeptidyl peptidase are the neuropeptide Y (NPY), peptide YY (PYY), substance P (TAC1) and brain natriuretic peptide 32 (NPPB).

Synonym: 170 kDa melanoma membrane bound gelatinase, 170 kDa melanoma membrane-bound gelatinase, DPPIV, FAP, FAPA, Fibroblast activation protein alpha, Integral membrane serine protease, SEPR, Seprase, FAPalpha, SIMP

Molecular Weight: 38kDa

UniProt: [P97321](#)

Pathways: [Tube Formation](#)

## Application Details

Restrictions: For Research Use only

## Handling

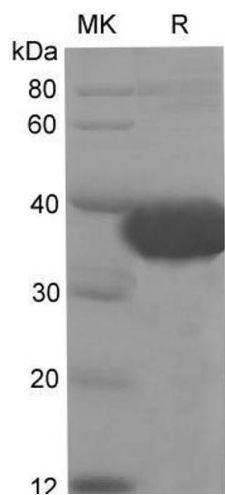
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.