

Catalog Number: 514749

# **General Information**

#### Gene Name Synonym

170 kDa melanoma membrane-bound gelatinase; Dipeptidyl peptidase FAP; Fibroblast activation protein alpha; FAPalpha; Gelatine degradation protease FAP; Integral membrane serine protease; Post-proline cleaving enzyme; Serine integral membrane protease; SIMP; Surface-expressed protease; Seprase [Cleaved into: Antiplasmincleaving enzyme FAP, soluble form; APCE]

## **Protein Construction**

A DNA sequence encoding the human FAP isoform 1 (Q12884-1) extracellular domain (Leu26-Asp760) was fused with the polyhistidie-tag at the N-terminus. The purified protein was biotinylated in vitro.

#### Organism

Human

#### **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 85 % as determined by SDS-PAGE

#### Endotoxin

< 1.0 EU per  $\mu g$  protein as determined by the LAL method.

## Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}$ C

## **Predicted N terminal**

## His **Molecular Mass**

The recombinant human FAP consists of 751 amino acids and predicts a molecular mass of 87.2 kDa.

## Formulation

Lyophilized from sterile PBS.

 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
Please contact us for any concerns or special requirements.

# **Usage Guide**

#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

## **SDS-PAGE**

116	
66.2	
45.0	
35.0	-
25.0	-
18.4 14.4	-

Human Fibroblast Activation Protein alpha/FAP Protein 15479