Human Fibroblast activation protein/FAP (His Tag)

Catalog Number: 502478

General Information

Gene Name Synonym

170 kDa melanoma membrane-bound gelatinase; Dipeptidyl peptidase FAP; Fibroblast activation protein alpha; Gelatine degradation protease FAP; Integral membrane serine protease; Post-proline cleaving enzyme; Serine integral membrane protease; Surface-expressed protease; Antiplasmin-cleaving enzyme FAP, soluble form

Protein Construction

A DNA sequence encoding the human FAP isoform 1 (Q12884-1) extracellular domain (Leu 26-Asp 760) was fused with the polyhistidie-tag at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Predicted N terminal

His

Molecular Mass

The recombinant human FAP consists of 751 amino acids and predicts a molecular mass of 87.2 kDa. As a result of glycosylation, rh FAP migrates as approximately 90 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 25mM Tris, 250mM NaCl, pH 8.2
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

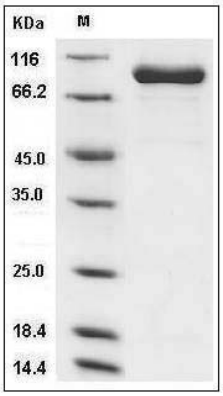
Storage

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

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human FAP / Seprase Protein (His Tag) SDS-PAGE