

Recombinant Human FAP protein, His-Avi-tagged, Biotinylated

Cat. No. FAP-884HB Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FAP protein(Q12884)(Leu26-Asp760), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu26-Asp760
Tag	N-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl, 200mM L-Arginine (pH 8.2). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human FAP, His Tag at 2ug/ml (100ul/Well) on streptavidin(5ug/ml) precoated plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC50 of 9.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 87.9 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

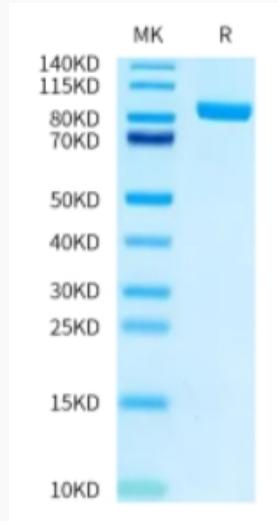
Gene Name	FAP fibroblast activation protein, alpha [Homo sapiens]
Official Symbol	FAP
Synonyms	FAP; fibroblast activation protein, alpha; seprase; DPPIV; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase; FAPA; DKFZp686G13158;
Gene ID	2191
mRNA Refseq	NM_004460
Protein Refseq	NP_004451
MIM	600403
UniProt ID	Q12884

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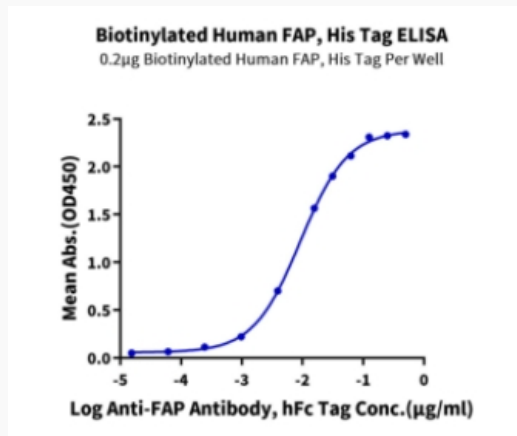
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Tris-Bis PAGE



ELISA Data



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