

# Recombinant Human FAP Protein, His-tagged, FITC conjugated

**Cat. No.** FAP-1141HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human FAP (Q12884-1) isoform 1 extracellular domain (Leu 26-Asp 760), fused with the polyhistidine-tag at the N-terminus, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	751
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 25 mM Tris, 250 mM NaCl, pH 8.2
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	FAP fibroblast activation protein, alpha [ Homo sapiens ]
<b>Official Symbol</b>	FAP
<b>Gene ID</b>	2191
<b>mRNA Refseq</b>	NM_004460
<b>Protein Refseq</b>	NP_004451
<b>MIM</b>	600403
<b>UniProt ID</b>	Q12884

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