

Active Recombinant Human FAP protein, His-tagged, FITC-Labeled

Cat. No. FAP-1445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human FAP protein(Leu26-Asp760), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-760 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Anti-FAP (Sibrotuzumab) Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human FAP Protein, His Tag with a linear range of 0.078-0.625 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 86.9 kDa. The protein migrates as 90-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu26-Asp760
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	FITC
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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