

Recombinant Human FAP Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. FAP-1141HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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.
Species	Human
Source	HEK293
ProteinLength	751
Form	Lyophilized
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.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile 25 mM Tris, 250 mM NaCl, pH 8.2
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

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

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