

# Recombinant Human FAP Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** FAP-1141HAF488    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 488 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<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm                                                                          |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                     |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>    | Alexa Fluor 488                                                                                                                                                           |

## 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                                                    |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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