

# Recombinant Full Length Human FAP Protein, GST-tagged

**Cat. No.** FAP-4646HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FAP full-length ORF ( NP_004451.2, 1 a.a. - 760 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	760 amino acids
<b>Description</b>	<p>The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]</p>
<b>Molecular Mass</b>	114.1 kDa
<b>AA Sequence</b>	<p>MKTWVKIVFGVATSAVLALLVMCIVLRPSRVHNSEENTMRALTLKDILNGTFSYKTFE          PNWISGQEYLHQSadNNIVLYNIETGQSYTILSNRTMKSVNASNYGLSPDRQFVYLE          SDYSKLRYSYATYYIYDLSNGEFVIRGNEIPRIQYLCWSPVGSKLAYVYQNNIYL          KQRPGDPPFQITFNGRENKIFNGIPDWVYEEEMLATKYALWWSPNGKFLAYAEFND          TDIPVIAYSYYGDEQYPRITINIPYKAGAKNPVVRIFIIDTTYPAYVGPQEVVPAMIAS</p>

 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

SDYYFSWLTWVTDERVCLQWLKRVQNVSVLSICDFREDWQTWDCPKTQEHIEESR  
 TGWAGGFFVSTPVFSYDAISYYKIFSDKDGKHIHYIKDTVENAIQITSGKWEAINIFR  
 VTQDSLFISSNEFEEYPGRRNIYRISIGSYPPSKKCVTCHLRKERCQYYTASFSDYA  
 KYVALVCYGPPISTLHDGRTDQEIKILEENKELENALKNIQLPKKEIKKLEVDEITLW  
 YKMILPPQFDRSKKYPLLIQVYGGPCSQSVRSVFAVNWISYLASKEGMVIALVDGRG  
 TAFQGDKLLYAVYRKLGVYEVEDQITAVRKFIEMGFIDEKRIAIWGWSYGGYVSSLAL  
 ASGTGLFKCGIAVAPVSSWEYYASVYTERFMGLPTKDDNLEHYKNSTVMARAEYFR  
 NVDYLLIHGTADDNVHFQNSAQIAKALVNAQVDFQAMWYSDQNHGLSGLSTNHLYT  
 HMTFLKQCFLSD

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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;

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



Gene ID	2191
mRNA Refseq	NM_004460
Protein Refseq	NP_004451
MIM	600403
UniProt ID	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