

Recombinant Full Length Human FAP Protein, C-Flag-tagged

Cat. No. FAP-589HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FAP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	87.5 kDa
AA Sequence	MKTWVKIVFGVATSAVLALLVMCIVLRPSRVHNSEENTMRALTLKDILNGTFSYKTFF PNWISGQEYLHQ SADNNIVLYNIETGQSYTILSNRTMKSVDASNYGLSPDRQFVYLE SDYSKLWRYSYATYYIYDLSNGEF VRGNELPRPIQYLCWSPVGSKLAYVYQNNIYL KQRPGDPPFQITFNGRENKIFNGIPDWVYEEEMLATKY ALWWSPNGKFLAYAEFND TDIPVIAYSYYGDEQYPR TINIPYKAGAKNPVVRIFIIDTTYPAYVGPQEV PVPAMIAS SDYYFSWLTWVTDERVCLQWLKRVQNVSVLSICDFREDWQTDWCPKTQEHIEESR

 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

TGWAGGF FVSTPVFSYDAISYYKIFSDKDGYKHIHYIKDTVENAIQITSGKWEAINIFR
 VTQDSLIFYSSNEFEEYPG RRNIYRISIGSYPPSKKCVTCHLRKERCQYYTASFSDYA
 KYVALVCYGPPISTLHDGRTDQEIKILEE NKELENALKNIQLPKEEIKKLEVDEITLW
 YKMILPPQFDRSKKYPLLIQVYGGPCSQSVRSVFAVNWISY LASKEGMVIALVDGRG
 TAFQGDKLLYAVYRKLGVYEVEDQITAVRKFIEMGFIDEKRIAIWGWSYGGYVS SLA
 LASGTGLFKCGIAVAPVSSWEYYASVYTERFMGLPTKDDNLEHYKNSTVMARAEYF
 RNVDYLLIHGT
 ADDNVHFQNSAQIAKALVNAQVDFQAMWYSQDNHGLSGLSTNHLYTHMTHFLKQC
 FSLSDSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome, Protease, Transmembrane

Full Length Full L.

GENE INFORMATION

Gene Name [FAP fibroblast activation protein alpha \[Homo sapiens \(human\) \]](#)

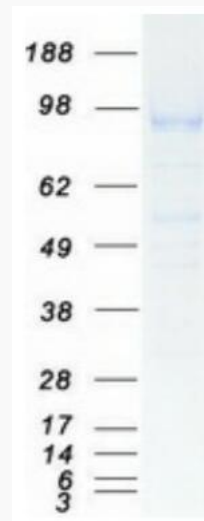
Official Symbol [FAP](#)

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Synonyms	FAPA; SIMP; DPPIV; FAPalpha
Gene ID	2191
mRNA Refseq	NM_004460.5
Protein Refseq	NP_004451.2
MIM	600403
UniProt ID	Q12884



Coomassie blue staining of purified FAP protein.

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