

Recombinant Human FAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FAP-3722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAP MS Standard C13 and N15-labeled recombinant protein (NP_004451) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	87.7 kDa
AA Sequence	MKTWVKIVFGVATSAVLALLVMCIVLRPSRVHNSEENTMRALTLKDILNGTFSYKTF PNWISGQEYLHQ SADNNIVLYNIETGQSYTILSNRTMKSVNASNYGLSPDRQFVYLE SDYSKLWRYSYTATYYIYDLSNGEFVRGNELPRPIQYLCWSPVGSKLAYVYQNNIYL KQRP GDPPFQITFNGRENKIFNGIPDWVYEEEMLATKYALWWSPNGKFLAYAEFND TDIPVIAYSYYGDEQYPR TINIPY PKAGAKNPVVRIFIIDTTYPAYVGPQEV PVPAMIAS SDYYFSWLTWVTDERVCLQWLKRVQNVSVLSICDFREDWQ TWDCPKTQEHIIEESR

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TGWAGGFFVSTPVFSYDAISYYKIFSDKDGKHIHYIKDTVENAIQITSGKWEAINIFR
VTQDSLIFYSSNEFEEYPGRRNIYRISIGSYPPSKKCVTCHLRKERCQYYTASFSDYA
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ASGTGLFKCGIAVAPVSSWEYYASVYTERFMGLPTKDDNLEHYKNSTVMARAEYFR
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HMTFLKQCFSLSDSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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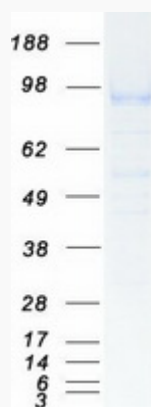
mRNA Refseq [NM_004460](#)

Protein Refseq [NP_004451](#)

MIM [600403](#)

UniProt ID [Q12884](#)

SDS-PAGE



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