

## Recombinant Human FAP Protein, DYKDDDDK-tagged

**Cat. No.** FAP-151H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human fibroblast activation protein alpha(FAP), transcript variant 1(NM_004460), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	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.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.315, without any preservatives.
<b>Molecular Mass</b>	87.5 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

## GENE INFORMATION

<b>Gene Name</b>	FAP fibroblast activation protein, alpha [ Homo sapiens ]
<b>Official Symbol</b>	FAP
<b>Synonyms</b>	FAP; fibroblast activation protein, alpha; seprase; DPPIV; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase; FAPA; DKFZp686G13158;
<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

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