

Recombinant Human FAP Protein, DYKDDDDK-tagged

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

SPECIFICATION

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

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protein-protein interaction studies.

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;
Gene ID	2191
mRNA Refseq	NM_004460
Protein Refseq	NP_004451
MIM	600403
UniProt ID	Q12884

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