

Recombinant Human FAP

Cat. No. FAP-28896TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Fibroblast activation protein, alpha (amino acids 559-760) with proprietary tag; 202aa (without tag), 48kDa.
Species	Human
Source	E.coli
ProteinLength	202 amino acids
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.
Molecular Weight	48.000kDa inclusive of tags
Tissue specificity	Fibroblast specific.
Form	Liquid
Storage buffer	pH: 7.50 Constituents: 20% Glycerol, Tris acetate, 0.03% EDTA
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Sequences of amino acids
 SYLASKEGMVIA LVDGRGTAFQ GDKLLYAVYR KLGVYEVEDQ ITAVRKFIEM
 GFIDEKRIAI WGWSYGGYVS SLALASGTGL FKCGIAVAPV SSWEYYASVY
 TERFMGLPTK DDNLEHYKNS TVMARAHEYFR NVDYLLIHGT ADDNVHFQNS
 AQIAKALVNA QVDFQAMWYS DQNHGLSGLS TNHLYTHMTH FLKQCFSLSD

Sequence Similarities
 Belongs to the peptidase S9B family.

GENE INFORMATION

Gene Name FAP fibroblast activation protein, alpha [Homo sapiens]

Official Symbol FAP

Synonyms FAP; fibroblast activation protein, alpha; seprase; DPPIV;

Gene ID 2191

mRNA Refseq NM_004460

Protein Refseq NP_004451

MIM 600403

Uniprot ID Q12884

Chromosome Location 2q23

Function dipeptidyl-peptidase activity; metalloendopeptidase activity; peptidase activity; protein binding; protein dimerization activity;

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