Human Fibroblast Activation Protein

02/21

CATALOG NO: P1702-20 20 µg
P1702-50 50 µg

ALTERNATE NAMES: Fibroblast activation protein, DPPIV Protein, DPPIV, FAPA, Fapalpha Protein, SIMP Protein, Prolyl endopeptidase FAP, 170 kDa melanoma membrane-bound gelatinase, Dipeptidyl peptidase FAP, Fibroblast activation protein alpha, FAPalpha, Gelatine degradation protease FAP, Integral membrane serine protease, Post-proline cleaving enzyme, Serine integral membrane protease, SIMP, Surface-expressed protease, Seprase

MOL. WT. 86.1 kDa

NCBI GENE ID: 2191

ACCESSION NO.: Q12884

PURITY: ≥ 90% by SDS-PAGE

SOURCE: Baculovirus

ENDOTOXIN: < 1 EU per 1 µg of protein as determined by LAL method

TAG: His-Tag

AMINO ACID SEQUENCE: The target is expressed with the sequence from amino acids 26 to 760 with a His-Tag at the C-terminus

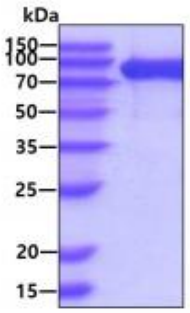
FORM: Liquid

FORMULATION: In Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

ACTIVITY: Specific activity is > 5,000 pmol/min/µg, and is defined as the amount of enzyme that hydrolyzes 1.0 pmole of Z-GP-AMC per minute at pH 7.5, at 37 °C.

STORAGE CONDITIONS: Divide into small aliquots and store at -20 °C to -80 °C. Avoid repeated freeze-thaw cycles.

DESCRIPTION: Fibroblast activation protein (FAP), also known as seprase, is a homodimeric integral protein gelatinase belonging to the serine protease family. FAP has been implicated in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis.



3 µg of human recombinant fibroblast activation protein was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

RELATED PRODUCTS:

Derazantinib (ARQ087) (Cat. No. B2222)
FGF-2/FGF-basic, human recombinant (Cat. No. 4037)
Anti-FAP Antibody (Cat. No. A2287)
FGFR2 (Human) ELISA Kit (Cat. No. K4269)
Epidermal Growth Factor (EGF), human recombinant (Cat. No. 4022)

FOR RESEARCH USE ONLY! Not to be used on humans.