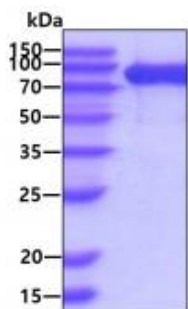


# Human Fibroblast Activation Protein

02/21

<b>CATALOG NO:</b>	P1702-20 20 µg P1702-50 50 µg
<b>ALTERNATE NAMES:</b>	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
<b>MOL. WT.</b>	86.1 kDa
<b>NCBI GENE ID:</b>	2191
<b>ACCESSION NO.:</b>	Q12884
<b>PURITY:</b>	≥ 90% by SDS-PAGE
<b>SOURCE:</b>	Baculovirus
<b>ENDOTOXIN:</b>	< 1 EU per 1 µg of protein as determined by LAL method
<b>TAG:</b>	His-Tag
<b>AMINO ACID SEQUENCE:</b>	The target is expressed with the sequence from amino acids 26 to 760 with a His-Tag at the C-terminus
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol
<b>ACTIVITY:</b>	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.
<b>STORAGE CONDITIONS:</b>	Divide into small aliquots and store at -20 °C to -80 °C. Avoid repeated freeze-thaw cycles.
<b>DESCRIPTION:</b>	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.**