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Datasheet for ABIN7520426

## Prolyl Endopeptidase FAP Protein (FAP) (His tag)

### Overview

Quantity:	100 µg
Target:	Prolyl Endopeptidase FAP (FAP)
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Prolyl Endopeptidase FAP protein is labelled with His tag.

### Product Details

Purpose:	Active Recombinant Human Prolyl endopeptidase FAP Protein
Sequence:	RPSRVHNSEE NTMRALTLKD ILNGTFSYKT FFPNWISGQE YLHQSADNNI VLYNIETGQS YTILSNRTMK SVNASNYGLS PDRQFVYLES DYSKLRWRSY TATYYIIDLS NGEFVRGNEL PRPIQYLCWS PVGSKLAYVY QNNIYLKQRP GDPPFQITFN GRENKIFNGI PDWVYEEEML ATKYALWWSP NGKFLAYAEF NDTDIPVIAY SYYGDEQYPR TINIPYPKAG AKNPVVRIFI IDTTYPAYVG PQEVPVAMI ASSDYFVSWL TWVTDERVCL QWLKRVQNVS VLSICDFRED WQTWDCPKTQ EHIEESRTGW AGGFFVSTPV FSYDAISYK IFSDKDGYKH IHYIKDTVEN AIQITSGKWE AINIFRVTQD SLFYSSNEFE EYPGRRNIYR ISIGSYPPSK KCVTCHLRKE RCQYYTASFS DYAKYYALVC YGPGPISTL HDGRTDQEIK ILEENKELEN ALKNIQLPKE EIKKLEVDEI TLWYKMILPP QFDRSKKYPL LIQVYGGPCS QSVRSVFAVN WISYLASKEG MVALVDGRG TAFQGDKLLY AVYRKLGVYE VEDQITAVRK FIEMGFIDEK RIAIWGWSYG GYVSSLALAS GTGLFKCGIA VAPVSSWEY ASVYTERFMG LPTKDDNLEH YKNSTVMARA EYFRNVDYLL IHGTADDNVH FQNSAQIACA LVNAQVDFQA MWYSDQNHGL SGLSTNHLYT

## Product Details

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HMTHFLKQCF SLSD

Specificity: Arg27-Asp760

Purity: > 95 % by SDS-PAGE.

Sterility: 0.22 µm filtered

Endotoxin Level: < 0.1 EU/µg of the protein by LAL method.

Biological Activity Comment: 1.Measured by its binding ability in a functional ELISA. Immobilized Human FAP at 1 µg/mL (100 µL/well) can bind FAP Rabbit mAb with a linear range of 0.03-1.77 ng/mL.[2.Measured by its ability to convert the substrate benzyloxycarbonyl-Gly-Pro-7-amido-4-methylcoumarin (Z-GP-AMC) to Z-Gly-Pro and 7-amino-4-methylcoumarin (AMC).The specific activity is >2314 pmol/min/µg.

## Target Details

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Target: Prolyl Endopeptidase FAP (FAP)

Alternative Name: Prolyl endopeptidase FAP ([FAP Products](#))

Background: DPPiV, FAPA, FAPalpha, SIMP,FAP, DPPiV, prolyl endopeptidase FAP,FAPA,FAPalpha,SIMP

Gene ID: 2191

UniProt: [Q12884](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.84 mg/mL

Buffer: Supplied as a 0.22 µm filtered solution in 16 mM Tris,240 mM Nacl and 20 % glycerol, pH 7.5.

Storage: -80 °C

Storage Comment: This product is stable at ≤ -70°C for up to 1 year from the date of receipt.|For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.