

Datasheet for ABIN7535093

Prolyl Endopeptidase FAP Protein (FAP) (His tag)



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Overview

Quantity:	10 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 NTMRALTKD ILNGTFSYKT FFPNWISGQE YLHQSADNNI VLYNIETGQS YTILSNRTMK SVNASNYGLS PDRQFVYLES DYSLWRYSY TATYYIDLS NGEFVRGNEL PRPIQYLCWS PVGSKLAYVY QNNIYLKQRP GDPPFQITFN GRENKIFNGI PDWVYEEEML ATKYALWWSP NGKFLAYAEF NDTDIPVIAY SYYGDEQYPR TINIPYPKAG AKNPVVRIFI IDTTPAYVG PQEVPVPAMI ASSDYYFSWL TWVTDERVCL QWLKRVQNVS VLSICDFRED WQTWDCPKTQ EHIEESRTGW AGGFFVSTPV FSYDAISYK IFSDKDGYKH IHYIKDTVEN AIQITSGKWE AINIFRVTQD SLFYSSNEFE EYPGRRNIYR ISIGSYPPSK KCVTCHLRKE RCQYYTASFS DYAKYYALVC YGPGIPISTL HDGRDQEI KILEENKELEN ALKNIQLPKE EIKKLEVDEI TLWYKMILPP QFDRSKKYPL LIQVYGGPCS QSVRSVFAVN WISYLASKEG MVIALVDGRG TAFQGDKLLY AVYRKLGVE VEDQITAVRK FIEMGFIDEK RIAIWGWSYG GYVSSLALAS GTGLFKCGIA VAPVSSWEY ASVYTERFMG LPTKDDNLEH YKNSTVMARA EYFRNVLYLL IHGTADDNVH FQNSAQIAKA LVNAQVDFQA MWYSDQNHGL SGLSTNHLYT

Product Details

	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

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

Restrictions:	For Research Use only
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Handling

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.