

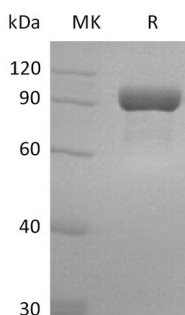
Product Name: Recombinant Human FAP (N-8His)
Catalog #: PHH2371



概述 (Summary)

英文全称	FAP
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Prolyl endopeptidase FAP is produced by our Mammalian expression system and the target gene encoding Leu26-Asp760 is expressed with a 8His tag at the N-terminus.
Accession #	Q12884
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	86.1 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

FAP; FAPA; DPPIV; SIMP; Fapalpha

背景介绍 (References)

FAP (also known as seprase) is a single-pass type II membrane protein which belongs to the peptidase S9B family. FAP appears to act as a proteolytically active 170-kDa dimer, consisting of two 97-kDa subunits. It is a member of the group type II integral serine proteases, which includes dipeptidyl peptidase IV (DPPIV / CD26) and related type II transmembrane prolyl serine peptidases, which exert their mechanisms of action on the cell surface. FAP is also an endopeptidase that can degrade Gelatin, Collagens I and IV, Fibronectin, and Laminin as well as several peptide hormones. The enzymatic activity is dependent on FAP association with DPPIV on the cell surface. The matrix-degrading activity of FAP contributes to tumor cell migration and invasion. In addition, FAP can enhance tumor cell growth by limiting the development of anti-tumor immunity.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.