

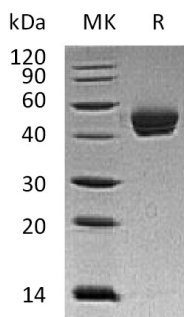
Product Name: Recombinant Human DPEP1 (C-6His)
Catalog #: PHH0535



概述 (Summary)

英文全称	Dipeptidase 1/DPEP1
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 Dipeptidase 1 is produced by our Mammalian expression system and the target gene encoding Asp17-Ser385 is expressed with a 6His tag at the C-terminus.
Accession #	P16444
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	42.1 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, 10% Glycerol, pH 7.4.
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)

分子别名 (Alternative Names)	Dipeptidase 1; Dehydropeptidase-I; Microsomal Dipeptidase; Renal
--------------------------	--

Product Name: Recombinant Human DPEP1 (C-6His)
Catalog #: PHH0535



背景介绍 (References)

Dipeptidase; hRDP; DPEP1; MDP; RDP

Dipeptidase 1 (DPEP1) is a kidney membrane enzyme that belongs to the peptidase M19 family. DPEP1 is a homodimer and is inhibited by L-penicillamine. DPEP1 hydrolyzes a variety of dipeptides and is implicated in renal metabolism of glutathione and its conjugates. DPEP1 is responsible for hydrolysis of the beta-lactam ring of antibiotics, such as penem and carbapenem. DPEP1 may play an important role in the regulation of leukotriene activity. DPEP1 expression in cancer is significantly higher than that in normal tissue. However, DPEP1 expression decreased with pathological differentiation, lymph-node and distant metastasis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.