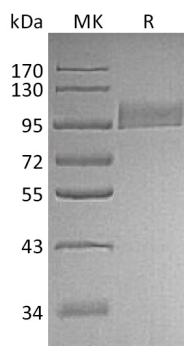


Product Name: Recombinant Human Neprilysin (N-8His)
Catalog #: PHH1205

概述 (Summary)

英文全称	Neprilysin/CD10
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 Neprilysin is produced by our Mammalian expression system and the target gene encoding Tyr52-Trp750 is expressed with a 8His tag at the N-terminus.
Accession #	P08473
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	80.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, 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)

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分子别名 (Alternative Names)

Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10; MME; EPN

背景介绍 (References)

Neprilysin/CD10(NEP) is a zinc metallopeptidase expressed at the cell surface of a variety of cells. The functions is both as an endopeptidase with a thermolysin-like specificity and as a dipeptidyl-carboxypeptidase. NEP has been shown to be involved in the degradation of enkephalins in the mammalian brain and the inactivation of circulating atrial natriuretic peptide. NEP has also been identified as the common acute lymphocytic leukemia antigen (CALLA), and is expressed on the surface of lymphocytes in some disease states. These and other observations have resulted in considerable interest in NEP as a target for analgesics and antihypertensive drugs. NEP is also a major degrading enzyme of amyloid β peptide ($A\beta$) in the brain, indicating that down-regulation of NEP activity, which could be caused by aging, can contribute to the development of Alzheimer' s disease by promoting $A\beta$ accumulation.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.