

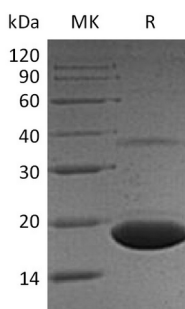
Product Name: Recombinant Human PPP1R1A (C-6His)
Catalog #: PEH1359



概述 (Summary)

英文全称	PPP1R1A/Protein phosphatase 1 regulatory subunit 1A/IPP-1
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 Protein Phosphatase 1 Regulatory Subunit 1A is produced by our E.coli expression system and the target gene encoding Met1-Val171 is expressed with a 6His tag at the C-terminus.
Accession #	AAH22470.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	19.98 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM DTT, 50% Glycerol, pH 8.5.
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)

Protein Phosphatase 1 Regulatory Subunit 1A; Protein Phosphatase Inhibitor 1; I-1; IPP-1; PPP1R1A; IPP1

背景介绍 (References)

Protein Phosphatase 1 Regulatory Subunit 1A (PPP1R1A) is an inhibitor of protein-phosphatase 1. PPP1R1A is a cellular regulator of eIF2 alpha phosphorylation. In hormonal control of glycogen metabolism, IPP-1 protein plays important function. Hormones can elevate intracellular cAMP level and elevate IPP-1 activity. PPP1R1A activation caused cAMP increase, cAMP control over proteins that are not directly phosphorylated by PKA following a rise in intracellular calcium. IPP-1 is inactivated by calcineurin (PP2B). Multiple domains in IPP-1 target cellular PP1 complexes.

注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.