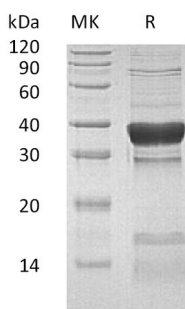


Product Name: Recombinant Human PPP1CC (N, C-6His)
Catalog #: PEH1358

概述 (Summary)

英文全称	PPP1CC/Protein phosphatase 1C catalytic subunit
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 1C Catalytic Subunit is produced by our E.coli expression system and the target gene encoding Met1-Lys323 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus.
Accession #	P36873
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	40.2 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM DTT, 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)

Serine/Threonine-Protein Phosphatase PP1-Gamma Catalytic Subunit; PP-1G;
Protein Phosphatase 1C Catalytic Subunit; PPP1CC

背景介绍 (References)

Serine/Threonine-Protein Phosphatase PP1-Y Catalytic Subunit (PPP1CC) is a member of the PPP phosphatase family. It is essential for cell division, participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. PPP1CC colocalizes with SPZ1 in the nucleus, with URI1 at mitochondrion, Rapidly exchanges between the nucleolar, nucleoplasmic and cytoplasmic compartments. As a cofactor, PPP1CC binds one iron ion and one manganese ion per subunit.. In addition, PPP1CC may play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca²⁺/calmodulin dependent protein kinase II.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.