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# PPP1CC Protein (AA 1-323)





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Overview	
Quantity:	0.02 mg
Target:	PPP1CC
Protein Characteristics:	AA 1-323
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	ELISA, Western Blotting (WB), Mass Spectrometry (MS)
Product Details	
Purity:	95 %

# Target Details

Target:	PPP1CC
Alternative Name:	PPP1CC (PPP1CC Products)
Background:	Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Involved in regulation of ionic conductances and long-term synaptic plasticity. May play an important role in
	dephosphorylating substrates such as the postsynaptic density-associated Ca(2+)/calmodulin dependent protein kinase II.
Molecular Weight:	37.1 kDa (Calculated)
Gene ID:	5501

#### **Target Details**

NCBI Accession:	NP_002701
OMIM:	4506007
UniProt:	P36873
Pathways:	Cellular Glucan Metabolic Process, Lipid Metabolism

# **Application Details**

Application Notes:	This recombinant protein can be used for WB, ELISA, MS.
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	10 mM Tris, pH 8.0, 0.1 % Triton X-100, 0.002 % NaN, 10 mM DTT
Preservative:	Sodium azide, Dithiothreitol (DTT)
Precaution of Use:	This product contains Sodium azide and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid freeze/thaw cycles. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
Storage:	-80 °C
Storage Comment:	Store in working aliquots at -70 °C.

#### **Images**

