

Datasheet for ABIN2131264
PPP1CA Protein



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Overview

Quantity:	10 µg
Target:	PPP1CA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 80 % pure
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Target Details

Target:	PPP1CA
Alternative Name:	PPP1CA (PPP1CA Products)
Molecular Weight:	39.7 kDa (350aa), confirmed by MALDI-TOF
Pathways:	M Phase , Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Lipid Metabolism

Application Details

Application Notes:	PPP1CA protein (His tag) has been used in SDS PAGE, and may be suitable for use in other assays, to be determined by the end user.
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Application Details

Comment: Biological activity: Specific activity: >3,000 units/mg. Enzymatic activity was confirmed by measuring the amount of enzyme hydrolyzing 1 nmole of p-nitrophenyl phosphate (pNPP) per minute at 37C, pH7.5 using 10mM of substrate.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. 50 mM Tris-HCl buffer (pH 8.0) containing 40 % glycerol, 0.15M NaCl, 1 mM DTT, 0.1 mM PMSF, 1 mM MnCl₂

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C/-80 °C
