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Datasheet for ABIN7313278

**PPP1R1A Protein (AA 1-171) (His tag)**

## Overview

Quantity:	50 µg
Target:	PPP1R1A
Protein Characteristics:	AA 1-171
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R1A protein is labelled with His tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB), Mass Spectrometry (MS)

## Product Details

Purpose:	Recombinant Human PPP1R1A Protein 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.
Sequence:	MEQDNSPQKI QFTVPLLEPH LDPEAAEQIR RRRPTPATLV LTSDQSSPEI DEDRIPNPHL KSTLAMSPRQ RKKMTRITPT MKELQMMVEH HLGQQQQGEE PEGAAESTGT QESRPPGIPD TEVESRLGTS GTAKKTAECI PKTHERGSKE PSTKEPSTHI PPLDSKGANS VLEHHHHHHH
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

## Target Details

Target:	PPP1R1A
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### Target Details

Alternative Name:	PPP1R1A ( <a href="#">PPP1R1A Products</a> )
Gene ID:	5502
UniProt:	<a href="#">Q13522</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 µM filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 1 mM DTT, 50 % Glycerol, pH 8.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.