

Datasheet for ABIN2729472  
**CPI-17 Protein (Myc-DYKDDDDK Tag)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	20 µg
Target:	CPI-17 (PPP1R14A)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPI-17 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human PPP1R14A protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	CPI-17 (PPP1R14A)
Alternative Name:	Ppp1r14a ( <a href="#">PPP1R14A Products</a> )
Background:	Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	16.5 kDa

## Target Details

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NCBI Accession: [NP\\_150281](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

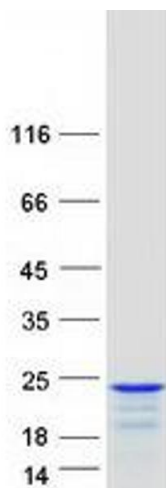
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images

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### Western Blotting

**Image 1.** Validation with Western Blot