

## Product datasheet

# Recombinant Human Protein phosphatase 1 inhibitor subunit 2 ab114835

1 Image

### Overview

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<b>Product name</b>	Recombinant Human Protein phosphatase 1 inhibitor subunit 2
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

### Amino Acid Sequence

<b>Accession</b>	<a href="#">P41236</a>
<b>Species</b>	Human
<b>Sequence</b>	MAASTASHRPIKGILKNKTSTTSSMVASAEQPRGNVDEELSKKSQKWDEM NILATYHPADKDYGLMKIDEPSTPYHSMMGDDEDACSDTEATEAMAPDIL ARKLAAAEGLEPKYRIQEQESSGEEDSDLSPEEREKKRQFEMKRKLHYNE GLNIKLARQLISKDLHDDDEDEEMLETADGESMNTTEESNQGSTPSDQQQN KLRSS
<b>Molecular weight</b>	49 kDa including tags
<b>Amino acids</b>	1 to 205

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab114835** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA SDS-PAGE Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

## Preparation and Storage

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### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## General Info

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### Function

Inhibitor of protein-phosphatase 1.

### Sequence similarities

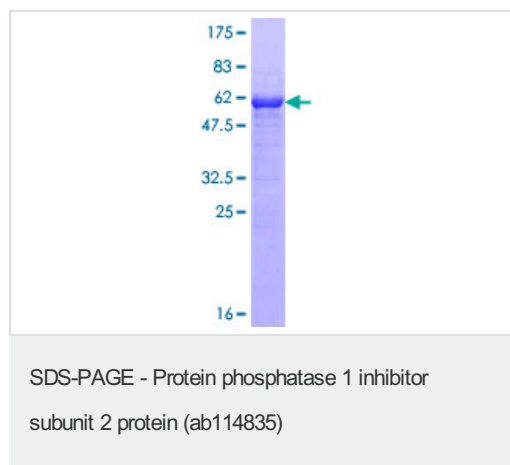
Belongs to the protein phosphatase inhibitor 2 family.

### Post-translational modifications

Phosphorylation on Thr-73 by GSK3 activates PP1 by dissociating the PP1-PPP1R2 complex (By similarity). Phosphorylation on Ser-44 by ATM activates PP1 by dissociating the PP1-PPP1R2 complex.

## Images

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ab114835 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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