

## Product datasheet

# Recombinant human PPIL1 protein ab79247

2 Images

### Description

<b>Product name</b>	Recombinant human PPIL1 protein
<b>Biological activity</b>	Specific activity is > 700nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAPF-pNA per minute at 37°C in Tris-HCl pH 8.0 using chymotrypsin.
<b>Purity</b>	> 95 % SDS-PAGE. ab79247 is purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MAAIPDSDWQPPNVYLETSMGIVLELYWKHAPKTCKNFA ELARRGYNG TKFHRIKDFMIQGGDPTGTGRGGASIYGKQFEDELHPDLK FTGAGILAM ANAGPDTNGSQFFVTLAPTQWLDGKHTIFGRVCQGIGMV NRVGMVETNSQ DRPVDDVKIHKAYPSGLEHHHHHH

### Specifications

Our **Abpromise guarantee** covers the use of **ab79247** 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>	Western blot Functional Studies SDS-PAGE
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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pH: 8.00

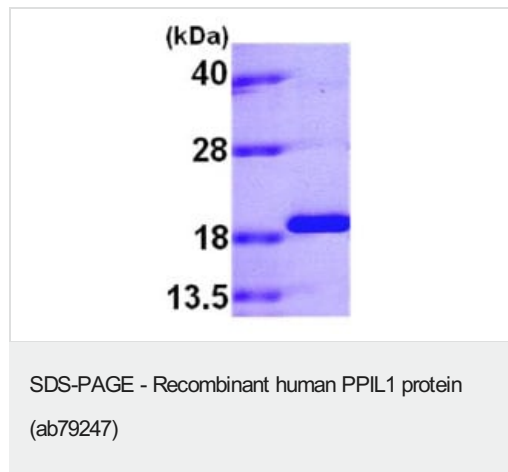
Constituents: 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

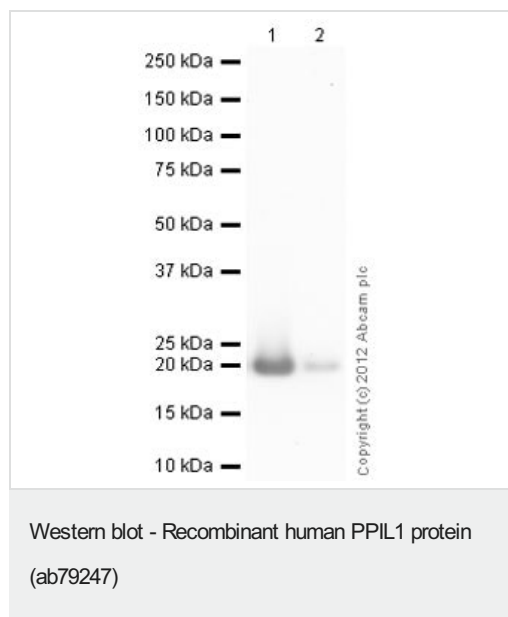
## General Info

<b>Function</b>	PPases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be involved in pre-mRNA splicing.
<b>Tissue specificity</b>	Ubiquitous, with the most abundant expression in heart and skeletal muscle.
<b>Sequence similarities</b>	Belongs to the cyclophilin-type PPase family. PPIL1 subfamily. Contains 1 PPase cyclophilin-type domain.

## Images



15% SDS-PAGE showing ab79247 at approximately 19kDa (3µg).



**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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