

Datasheet for ABIN7607273

**P4HB Protein (AA 18-505) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	P4HB
Protein Characteristics:	AA 18-505
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This P4HB protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human P4HB Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to promote aggregation of insulin in the presence of DTT. The specific activity is >7.5 A650/cm/min/mg, as measured under the described conditions.

## Target Details

Target:	P4HB
Alternative Name:	Protein disulfide-isomerase ( <a href="#">P4HB Products</a> )

## Target Details

Background:	Protein disulfide-isomerase, Cellular thyroid hormone-binding protein, PDI, p55, ERBA2L, PO4DB, Prolyl 4-hydroxylase subunit beta, P4HB, PDIA1
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UniProt:	<a href="#">P07237</a>
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Pathways:	<a href="#">Maintenance of Protein Location</a> , <a href="#">Cell RedoxHomeostasis</a> , <a href="#">Lipid Metabolism</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
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Expiry Date:	12 months
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