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## **PPIH Protein (His tag)**



### Overview

Quantity:	50 μg
Target:	PPIH
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIH protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human PPIH Protein (His Tag)
Purpose: Sequence:	Recombinant Human PPIH Protein (His Tag)  Met 1-Met 177
Sequence:	Met 1-Met 177  Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase H is produced by our E.coli expression system and the target gene encoding Met1-Met177 is expressed with a 6His tag at
Sequence: Characteristics:	Met 1-Met 177  Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase H is produced by our E.coli expression system and the target gene encoding Met1-Met177 is expressed with a 6His tag at the N-terminus.

## Target Details

Target:	PPIH
Alternative Name:	PPIH (PPIH Products)
Background:	Background: Peptidyl-Prolyl Cis-Trans Isomerase H (PPIH) belongs to the Cyclophilin-type
	PPlase family that accelerate the folding of proteins. PPlases can catalyze the cis-trans

### **Target Details**

isomerization of Proline Imidic peptide bonds in oligopeptides. PPIH participates in pre-mRNA splicing. It is a specific component of the complex that includes pre-mRNA processing factors PRPF3, PRPF4, and PRPF18, as well as U4/U5/U6 tri-snRNP. In addition, PPIH has PPlase activity and may play a role as a chaperone mediating the interactions between different proteins inside the spliceosome.

Synonym: Peptidyl-Prolyl Cis-Trans Isomerase H, PPlase H, Rotamase H, Small Nuclear Ribonucleoprotein Particle-Specific Cyclophilin H, Cy pH, U-snRNP-Associated Cyclophilin SnuCyp-20, USA-CYP, PPIH, CYP20, CYPH

Molecular Weight:

21.4 kDa

UniProt:

043447

## **Application Details**

Restrictions:

For Research Use only

## Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.