

# Recombinant Human PPIH Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PPIH-4397H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	PPIH MS Standard C13 and N15-labeled recombinant protein (NP_006338) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein 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. This protein has been shown to possess PPIase activity and may act as a protein chaperone that mediates the interactions between different proteins inside the spliceosome.
<b>Molecular Mass</b>	19.2 kDa
<b>AA Sequence</b>	MAVANSSPVNPNVFFDVSIQGGQEVGRMKIELFADVVPKTAENFRQFCTGEFRKDGVP PIGYKGFSTFHRVIKDFMIQGGDFVNGDGTGVASIYRGPFADENFKLRHSAPGLLSMA NSGPSTNGCQFFITCSKCDWLDGKHVVFVKIIDGLLVMRKIENVPTGPNNKPKLPVVI SQCGEMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	PPIH peptidylprolyl isomerase H [ Homo sapiens (human) ]
<b>Official Symbol</b>	PPIH
<b>Synonyms</b>	PPIH; peptidylprolyl isomerase H (cyclophilin H); peptidyl prolyl isomerase H (cyclophilin H); peptidyl-prolyl cis-trans isomerase H; cyclophilin H; CYP 20; CYPH; MGC5016; peptidyl prolyl cis trans isomerase H; PPlase h; rotamase H; small nuclear ribonucleoprotein particle specific cyclophilin H; SnuCyp 20; U snRNP associated cyclophilin SunCyp 20; USA CYP; USA CyP SnuCyp 20; USA-CyP SnuCyp-20; U-snRNP-associated cyclophilin SnuCyp-20; U-snRNP-associated cyclophilin SunCyp-20; small nuclear ribonucleoprotein particle-specific cyclophilin H; CYP-20; USA-CYP; SnuCyp-20;
<b>Gene ID</b>	10465
<b>mRNA Refseq</b>	NM_006347
<b>Protein Refseq</b>	NP_006338
<b>MIM</b>	606095

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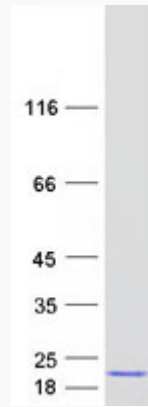
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UniProt ID

O43447

SDS-PAGE



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