

## Recombinant Human PPIH

**Cat. No.** PPIH-30106TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human PPIH; 177 amino acids, 19.2kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<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>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, PBS, pH 7.4
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MAVANSSPVNPNVFFDVSIQGGQEVGRMKIELFADVVPKTA ENFRQFCTGFEFRKDGV PIGYKGSTFHRVIKDFMIQGGDFV NGDGTGVASIYRGPFADENFKLRHSAPGLLSM

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ANSGPSTN GCQFFITCSKCDWLDGKHVVFGKIIDGLLVMRKIENVPTG PNNKPKLP  
VVISQCGEM

**Sequence Similarities** Belongs to the cyclophilin-type PPIase family. PPIase H subfamily. Contains 1 PPIase cyclophilin-type domain.

**Full Length** Full L.

## GENE INFORMATION

**Gene Name** PPIH peptidylprolyl isomerase H (cyclophilin H) [ Homo sapiens ]

**Official Symbol** PPIH

**Synonyms** 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; PPIase h; rotamase H; small nuclear ribonucl

**Gene ID** 10465

**mRNA Refseq** NM\_006347

**Protein Refseq** NP\_006338

**MIM** 606095

**Uniprot ID** O43447

**Chromosome Location** 1p34.1

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<b>Pathway</b>	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem;
<b>Function</b>	cyclosporin A binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity; protein binding; ribonucleoprotein complex binding;

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