

Recombinant Human PPIH

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

SPECIFICATION

Product Overview	Recombinant full length human PPIH; 177 amino acids, 19.2kDa.
Species	Human
Source	E.coli
Description	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.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, PBS, pH 7.4
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MAVANSSPVNPVVFDDVSIGGQEVGRMKIELFADVVPKTA ENFRQFCTGFEFRKDGVP 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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Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem;
Function	cyclosporin A binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity; protein binding; ribonucleoprotein complex binding;

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