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: NoneConstituents: 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	MAVANSSPVNPVVFFDVSIGGQEVGRMKIELFADVVPKTA ENFRQFCTGEFRKDGV 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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