

Recombinant Human PPIH Protein, HIS-tagged

Cat. No. PPIH-181H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPIH fused with His tag at C-terminal was expressed in E. coli.
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	20mM Phosphate buffer, 150mM NaCl, pH 7.2. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	21.4 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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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 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;

Gene ID 10465

mRNA Refseq NM_006347

Protein Refseq NP_006338

MIM 606095

UniProt ID O43447

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