

Recombinant Human PPIH protein, T7-tagged

Cat. No. PPIH-219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PPIH fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFGSAVANSSPVNPVFFDVSI GGQEVGRMKIELFADVVPKT AENFRQFCTGEFRKDGVP I G YKGSTFHRVIKDFMIQGGDFVNGDGTGVASIYRGPF ADENFKLRHSAPGLLSMANSGPSTNGCQFFITCSKCDWL DGKHVVFGKIIDGLLVM RKIENVPTGPNNKPKLPVVISQCGEM
Purity	>90% by SDS-PAGE.
Applications	1. May be used for human spliceosome regulation study in vitro, 2. May be used as specific substrate protein for kinase and ubiquitin enzymes. 3. May be used for enzymatic assay
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name	PPIH peptidylprolyl isomerase H (cyclophilin H) [Homo sapiens]
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Official Symbol	PPIH
Synonyms	PPIH; CYP 20; CYPH; MGC5016; rotamase H; SnuCyp 20; USA CYP; USA CyP SnuCyp 20; USA-CyP SnuCyp-20; CYP-20; USA-CYP; SnuCyp-20;
Gene ID	10465
mRNA Refseq	NM_006347
Protein Refseq	NP_006338
MIM	606095
UniProt ID	O43447
Chromosome Location	1p34.1
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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