Recombinant Human PPIH Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPIH-4397H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPIH MS Standard C13 and N15-labeled recombinant protein (NP_006338) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	19.2 kDa
AA Sequence	MAVANSSPVNPVVFFDVSIGGQEVGRMKIELFADVVPKTAENFRQFCTGEFRKDGV PIGYKGSTFHRVIKDFMIQGGDFVNGDGTGVASIYRGPFADENFKLRHSAPGLLSMA NSGPSTNGCQFFITCSKCDWLDGKHVVFGKIIDGLLVMRKIENVPTGPNNKPKLPVVI SQCGEMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

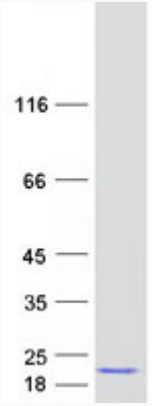
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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UniProt ID	O43447
SDS-PAGE	

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