

## Product datasheet for PH301529

### PPIH (NM\_006347) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PPIH MS Standard C13 and N15-labeled recombinant protein (NP_006338)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201529
Predicted MW:	19.2 kDa
Protein Sequence:	>RC201529 protein sequence Red=Cloning site Green=Tags(s)  MAVANSSPVNPVVFDDVSIQQEVGRMKIELFADVVPKTAENFRQFCTGFRKDGVPVIGYKGFSTFHRVIK DFMIQQGDFVNGDGTGVASIYRGPADENFKLRHSAPGLLSMANS GPSTNGCQFFITCSKCDWLDGKHVV FGKIIDGLLVMRKIENVPTGPNNKPKLPVVISQCGEM  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006338</a>
RefSeq Size:	813
RefSeq ORF:	531
Synonyms:	CYP-20; CYPH; SnuCyp-20; USA-CYP
Locus ID:	10465
UniProt ID:	<a href="#">O43447</a> , <a href="#">Q6FH36</a>



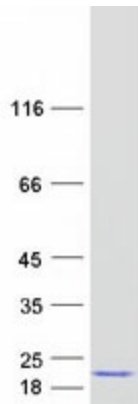
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**Cytogenetics:** 1p34.2

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Spliceosome

### Product images:



Coomassie blue staining of purified PPIH protein (Cat# [TP301529]). The protein was produced from HEK293T cells transfected with PPIH cDNA clone (Cat# [RC201529]) using MegaTran 2.0 (Cat# [TT210002]).