

## Cyclophilin-H Human Recombinant, His Tag

<b>Item Number</b>	rAP-0943
<b>Synonyms</b>	Peptidylprolyl Isomerase H, PPIH, CYPH, CYP20, SnuCyp-20, Peptidyl-prolyl cis-trans isomerase H, PPIase H, Rotamase H, U-snRNP-associated cyclophilin SnuCyp-20, USA-CYP, Small nuclear ribonucleoprotein particle-specific cyclophilin H, peptidylprolyl isomerase
<b>Description</b>	PPIH Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 2-177) containing 186 amino acids and including a 10 a.a N-terminal His tag. The total molecular mass is 20.3kDa (calculated).
<b>Uniprot Accession Number</b>	O43447
<b>Amino Acid Sequence</b>	MKHHHHHHASAVANSSPVNP VVFFDVSIGG QEVGRMKIEL FADVVPKTAE NFRQFCTGEF RKDGVPIG-YK GSTFHRVIKD FMIQGGDFVN GDGTGVASIY RGPFADENFK LRHSAPGLLS MANS GPSTNG CQF-FITCSKC DWLDGKHVVF GKIIDGLLVM RKIENVPTGP N NKPKLPVVI SQCGEM.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in phosphate buffered saline pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. PPIH is not sterile! Please filter the product by an appropriate sterile filter before using it.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**