



# Recombinant Human Peptidyl-prolyl cis-trans isomerase H (PPIH)

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| <b>Product Code</b>      | CSB-YP018478HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O43447  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | AVANSSPVN PVVFFDVSIG GQEVGRMKIE LFADVVPKTA ENFRQFCTGE<br>FRKDGVPICY KGSTFHRVIK DFMIQGGDFV NGDGTGVASI YRGPFADEF<br>KLRHSAPGLL SMANSGPSTN GCQFFITCSK CDWLDGKHVV FGKIIDGLLV<br>MRKIENVPTG PNNKPKLPVV ISQCGEM   |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | PPIH  |
| <b>Protein Names</b>     | Recommended name: Peptidyl-prolyl cis-trans isomerase H Short name=<br>PPIase H EC= 5.2.1.8 Alternative name(s): Rotamase H Small nuclear<br>ribonucleoprotein particle-specific cyclophilin H Short name= CypH U-snRNP-<br>associat  |
| <b>Expression Region</b> | 2-177   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein is a member of the peptidyl-prolyl cis-trans isomerase (PPIase)<br>family. PPIases catalyze the cis-trans isomerization of proline imidic peptide<br>bonds in oligopeptides and accelerate the folding of proteins. This protein is a<br>specific component of the complex that includes pre-mRNA processing factors<br>PRPF3, PRPF4, and PRPF18, as well as U4/U5/U6 tri-snRNP. This protein has<br>been shown to possess PPIase activity and may act as a protein chaperone that<br>mediates the interactions between different proteins inside the spliceosome. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>concentration of glycerol is 50%. Customers could use it as reference.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,<br>storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life  |



of lyophilized form is 12 months at -20°C/-80°C.