

Recombinant Human PPIH Protein (His Tag)

Catalog Number:PKSH032879



Note: Centrifuge before opening to ensure complete recovery of vial contents.

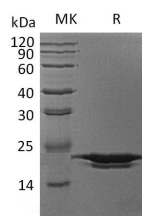
Description

| | |
|------------------------------------|---|
| Synonyms | Peptidyl-Prolyl Cis-Trans Isomerase H;PPIase H;Rotamase H;Small Nuclear Ribonucleoprotein Particle-Specific Cyclophilin H;CypH;U-snRNP-Associated Cyclophilin SnuCyp-20;USA-CYP;PPIH;CYP20;CYPH |
| Species | Human |
| Expression Host | E.coli |
| Sequence | Met 1-Met 177 |
| Accession | O43447 |
| Calculated Molecular Weight | 21.4 kDa |
| Observed molecular weight | 24 kDa |
| Tag | N-His |

Properties

| | |
|-----------------------|--|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C. |
| Formulation | Supplied as a 0.2 µm filtered solution of PBS, pH7.4. |
| Reconstitution | Not Applicable |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Peptidyl-Prolyl Cis-Trans Isomerase H (PPIH) belongs to the Cyclophilin-type PPIase family that accelerate the folding of proteins. PPIases can catalyze the cis-trans isomerization of Proline Imidic peptide bonds in oligopeptides. PPIH participates in pre-mRNA splicing. It 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. In addition, PPIH has PPIase activity and may play a role as a chaperone mediating the interactions between different proteins inside the spliceosome.

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