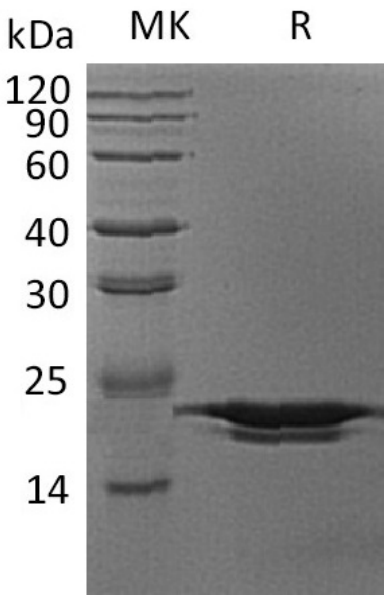
Product Name: Recombinant Human PPIH (N-6His)
Catalog #: PEH1305

Summary

Name	Peptidyl-Prolyl Cis-Trans Isomerase H/Ppih
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase H is produced by our E.coli expression system and the target gene encoding Met1-Met177 is expressed with a 6His tag at the N-terminus.
Accession #	O43447
Host	E.coli
Species	Human
Predicted Molecular Mass	21.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.