10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human recombinant protein Cyclophilin H

Human Recombinant Cyclophilin H
Catalog # PBV10551r

Specification

Human recombinant protein Cyclophilin H - Product info

Primary Accession	O43447
Concentration	1
Calculated MW	19.2 kDa KDa

Human recombinant protein Cyclophilin H - Additional Info

Gene ID	10465
Gene Symbol	PPIH

Other Names
Peptidylprolyl isomerase H, CYPH, CYP20, SnuCyp-20, PPIase H, Rotamase H

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MAVANSSPVN PVVFFDVSIG GQEVGRMKIE LFADVVPKTA ENFRQFCTGE FRKDGVPIGY KGSTFHRVIK DFMIQGGDFV NGDGTGVASI YRGPFADENF KLRHSAPGLL SMANSGPSTN GCQFFITCSK CDWLDGKHVV FGKIIDGLLV MRKIENVPTG PNNKPKLPVV ISQCGEM

Format
Liquid

Storage
-80°C; 1 mg/ml solution in PBS (pH 7.4) containing 10% glycerol.

Human recombinant protein Cyclophilin H - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human recombinant protein Cyclophilin H - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human recombinant protein Cyclophilin H - Background

Cyclophilin H is a member of peptidyl-propyl cis-trans isomerase (PPIase) family, which catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerates the folding of proteins. The cyclophilin H is a specific component of the human U4/U6 small nuclear ribonucleoprotein particle involved in the nuclear splicing of pre-mRNA. It stably associates with the U4/U6-60kD and -90kD proteins, the human orthologues of the Saccharomyces cerevisiae Prp4 and Prp3 splicing factors.

Human recombinant protein Cyclophilin H - References

Horowitz D.S.,et al.RNA 3:1374-1387(1997).
Teigelkamp S.,et al.RNA 4:127-141(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.