

## PRODUCT DATA SHEET

### Cyclophilin H Human E. coli

**Cat. No.:** RD172366050

**Size:** 0.05 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Human

#### Other 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

#### Description:

Total 186 AA. MW: 20.3 kDa (calculated). UniProtKB acc.no. O43447 (Ala2-Met177). N-terminal His-tag (10 extra AA). Protein identity confirmed by MS.

#### Amino Acid Sequence:

MKHHHHHHAS AVANSSPVNP VVFFDVSIGG QEVGRMKIEL FADVVPKTAE NFRQFCTGEF  
RKDGVPIGYK GSTFHRVIKD FMIQGGDFVN GDGTGVASIY RGPFADENFK LRHSAPGLLS  
MANS GPSTNG CQFFITCSKC DWLDGKHVVF GKIIDGLLVM RKIENVPTGP NNKP KLPVVI SQCGEI

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/mL solution in phosphate buffered saline pH 7,4.

#### Reconstitution:

Add 200 μl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

#### Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

#### Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.