

## PRODUCT DATA SHEET

### Cyclophilin B Human E. coli

**Cat. No.:** RD172360100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Human

#### Other Names:

Peptidyl-prolyl cis-trans isomerase B, PPIase B, CYP-S1, Rotamase B, S-cyclophilin, SCYLP, PPIB, CYPB

#### Description:

Total 193 AA. MW: 22 kDa (calculated). UniProtKB acc.no. P23284 (Asp34-Glu216). N-terminal His-tag (10 extra AA). Protein identity confirmed by MS.

#### Amino Acid Sequence:

MKHHHHHHAS DEKKKGPKVT VKVYFDLRIG DEDVGRVIFG LFGKTVPKTV DNFVALATGE  
KGFYKNSKF HRVIKDFMIQ GGDFTRGDGT GGKSIYGERF PDENFKLKHY GPGWVSMANA  
GKDTNGSQFF ITTVKTAWLD GKHVVFQKVL EGMEVVRKVE STKTDSRDKP LKDVIADCG  
KIEVEKPFAL AKE

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/mL solution in 20 mM Tris buffer, 50 mM NaCl, pH 7.5.

#### 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 three days.

**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.