

Human Cyclophilin B / PPIB (His Tag) recombinant protein



Catalog Number: 500656

General Information

Gene Name Synonym

CYP-S1; Cyclophilin B; Rotamase B; S-cyclophilin

Protein Construction

A DNA sequence encoding the mature form of human PPIB (NP_000933.1) (Asp 34-Ala 212) was fused with a signal peptide at the N-terminus and a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 96 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asp 34

Molecular Mass

The recombinant human PPIB consists of 190 amino acids and migrates as an approximately 22 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

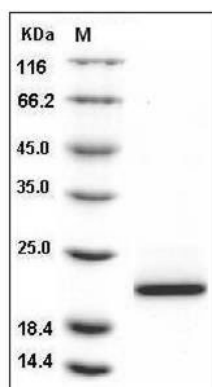
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human Cyclophilin B / PPIB / CYPB Protein (His Tag) SDS-PAGE