



[Go to Product page](#)

Datasheet for ABIN7319504 PPIB Protein (His tag)

Overview

Quantity:	50 µg
Target:	PPIB
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cyclophilin B/PPIB Protein (His Tag)
Sequence:	Asp34-Ala212
Characteristics:	Recombinant Human Cyclophilin B is produced by our Mammalian expression system and the target gene encoding Asp34-Ala212 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PPIB
Alternative Name:	Cyclophilin B/PPIB (PPIB Products)
Background:	Background: Cyclophilin B (SCYLP, CyPB and peptidyl-prolyl cis-trans isomerase B) is a 24 kDa glycoprotein member of the B subfamily of the cyclophilin-type PPIase family of molecules. It is both secreted and retained in the ER. When secreted, Cyclophilin B mediates chemotaxis and T

Target Details

cell adhesion to fibronectin. This is likely due to its prolyl cis/trans isomerase activity.

Intracellularly, Cyclophilin B appears to serve as a molecular chaperone for molecules destined for secretion. It does so via stabilization, and facilitating the activity of additional chaperones.

Synonym: CYP-S1, CYPB, HEL-S-39, OI9, SCYLP

Molecular Weight: 20.9 kDa

UniProt: [P23284](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.