

Recombinant Human PPIB Protein (Tyr47-Glu216), His tagged

Cat. No. PPIB-5946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PPIB (Tyr47-Glu216) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr47-Glu216
Description	PPIB is identified as a candidate gene for OI-IX. Osteogenesis imperfecta (OI) is an inherited disorder of connective tissue typically caused by defects in either COL1A1 or COL1A2. A number of other genes causative of this disorder have been found, including PPIB, which forms one subunit of the prolyl 3-hydroxylase enzyme complex. Patients with OI caused by PPIB mutation should have appropriate early and regular management of their hearing.
Form	Lyophilized powder/frozen liquid
Molecular Mass	19.84 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [PPIB peptidylprolyl isomerase B \(cyclophilin B\) \[Homo sapiens \(human\) \]](#)

Official Symbol [PPIB](#)

Synonyms PPIB; peptidylprolyl isomerase B (cyclophilin B); peptidyl-prolyl cis-trans isomerase B; CYPB; OI9; PPlase B; rotamase B; S-cyclophilin; cyclophilin-like protein; SCYLP; CYP-S1; MGC2224; MGC14109;

Gene ID [5479](#)

mRNA Refseq [NM_000942](#)

Protein Refseq [NP_000933](#)

MIM [123841](#)

UniProt ID [P23284](#)

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