

## Human PPIB Knockdown Cell Lysate

Cat. No. PPIB-273HKCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	WB-validated PPIB Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>The protein encoded by this gene is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression. Variants have been identified in this protein that give rise to recessive forms of osteogenesis imperfecta.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	24 kDa
<b>Notes</b>	<p>Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.</p>
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific

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<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PPIB KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Transmembrane
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	PPIB peptidylprolyl isomerase B (cyclophilin B) [ Homo sapiens (human) ]
<b>Official Symbol</b>	PPIB
<b>Synonyms</b>	PPIB; peptidylprolyl isomerase B (cyclophilin B); peptidyl-prolyl cis-trans isomerase B; CYPB; OI9; PPIase B; rotamase B; S-cyclophilin; cyclophilin-like protein; SCYLP; CYP-S1; MGC2224; MGC14109;
<b>Gene ID</b>	5479
<b>mRNA Refseq</b>	NM_000942
<b>Protein Refseq</b>	NP_000933
<b>MIM</b>	123841
<b>UniProt ID</b>	P23284

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