

Human PPID Knockdown Cell Lysate

Cat. No. PPID-397HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PPID Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A.
Form	Cell-Tissue Lysis buffer
Molecular Mass	41 kDa
Notes	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.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PPID KD HeLa cell lysate
Protein Families	Stem cell - Pluripotency
Protein Pathways	Calcium signaling pathway, Huntington's disease, Parkinson's disease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PPID peptidylprolyl isomerase D [Homo sapiens (human)]
Official Symbol	PPID
Synonyms	PPID; peptidylprolyl isomerase D; peptidylprolyl isomerase D (cyclophilin D); peptidyl-prolyl cis-trans isomerase D; cyclophilin 40; CYP 40; PPlase D; rotamase D; cyclophilin D; cyclophilin-40; cyclophilin-related protein; 40 kDa peptidyl-prolyl cis-trans isomerase D; CYPD; CYP-40; MGC33096;
Gene ID	5481
mRNA Refseq	NM_005038
Protein Refseq	NP_005029
MIM	601753
UniProt ID	Q08752

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