

Recombinant Human PPIL2 293 Cell Lysate

Cat. No. PPIL2-2967HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peptidylprolyl isomerase (cyclophilin)-like 2 (PPIL2), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PPIL2 peptidylprolyl isomerase (cyclophilin)-like 2 [Homo sapiens]

Official Symbol

PPIL2

Synonyms

PPIL2; peptidylprolyl isomerase (cyclophilin)-like 2; peptidyl-prolyl cis-trans isomerase-like 2; Cyp 60; PPlase; cyclophilin-60; rotamase PPIL2; cyclophilin, 60kDa; cyclophilin-like protein CyP-60; peptidylprolyl cis-trans isomerase; CYC4; CYP60; Cyp-60; hCyP-60; MGC787; FLJ39930; MGC33174;

Gene ID

23759

mRNA Refseq

NM_014337

Protein Refseq

NP_055152

MIM

607588

UniProt ID

Q13356

Chromosome Location

22q11.21

Pathway

Basigin interactions, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated

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proteolysis, conserved biosystem;

Function

isomerase activity; peptidyl-prolyl cis-trans isomerase activity; ubiquitin-protein ligase activity; ubiquitin-ubiquitin ligase activity;

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