

Recombinant Human PPIAL4A 293 Cell Lysate

Cat. No. PPIAL4A-2974HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peptidylprolyl isomerase A (cyclophilin A)-like 4A (PPIAL4A) 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

PPIAL4A peptidylprolyl isomerase A (cyclophilin A)-like 4A [Homo sapiens]

Official Symbol

PPIAL4A

Synonyms

COAS2; COAS-2; PPIAL4; peptidylprolyl isomerase A (cyclophilin A)-like 4A; PPIase A-like 4A; PPIase A-like 4B; PPIase A-like 4G; cyclophilin-LC (COAS2); chromosome 1 amplified sequence 2; peptidylprolyl cis-trans isomerase A-like 4A; peptidylprolyl cis-trans isomerase A-like 4B; cyclophilin homolog overexpressed in liver cancer; peptidyl-prolyl cis-trans isomerase A-like 4A/B/C

Gene ID

164022

mRNA Refseq

NM_178230

Protein Refseq

NP_839944

Chromosome Location

1q21.2

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