

Recombinant Human PIN4 293 Cell Lysate

Cat. No. PIN4-3178HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) (PIN4), nuclear gene encoding mitochondrial protein, transcript variant 1 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 PIN4 protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) [Homo sapiens]

Official Symbol PIN4

Synonyms PIN4; protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin); protein (peptidyl prolyl cis/trans isomerase) NIMA interacting, 4 (parvulin); peptidyl-prolyl cis-trans isomerase NIMA-interacting 4; EPVH; PAR14; PAR17; hEPVH; hPar14; hPar17; PPlase PIN4; parvulin-14; parvulin-17; rotamase PIN4; eukaryotic parvulin homolog; peptidyl-prolyl cis-trans isomerase Pin4; peptidyl-prolyl cis/trans isomerase EPVH; MGC138486;

Gene ID 5303

mRNA Refseq NM_001170747

Protein Refseq NP_001164218

MIM 300252

UniProt ID Q9Y237

Chromosome Location Xq13.1

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Function

DNA binding; bent DNA binding; double-stranded DNA binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity;

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