

Recombinant Human PNN 293 Cell Lysate

Cat. No. PNN-3074HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for pinin, desmosome associated protein (PNN) 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

PNN pinin, desmosome associated protein [Homo sapiens]

Official Symbol

PNN

Synonyms

PNN; pinin, desmosome associated protein; pinin; memA; SR-like protein; neutrophil protein; nuclear protein SDK3; domain-rich serine protein; desmosome-associated protein; melanoma metastasis clone A protein; 140 kDa nuclear and cell adhesion-related phosphoprotein; DRS; DRSP; SDK3;

Gene ID

5411

mRNA Refseq

NM_002687

Protein Refseq

NP_002678

MIM

603154

UniProt ID

Q9H307

Chromosome Location

14q21.1

Pathway

Exon junction complex (EJC), organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved

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biosystem;

Function

DNA binding; structural molecule activity;

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