

Recombinant Human PYDC1 293 Cell Lysate

Cat. No. PYDC1-2645HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PYD (pyrin domain) containing 1 (PYDC1) 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

PYDC1 PYD (pyrin domain) containing 1 [Homo sapiens]

Official Symbol

PYDC1

Synonyms

PYDC1; PYD (pyrin domain) containing 1; pyrin domain containing 1; pyrin domain-containing protein 1; ASC2; POP1; PAAD-only protein 1; pyrin-only protein 1; pyrin-domain containing protein 1; PYC1;

Gene ID

260434

mRNA Refseq

NM_152901

Protein Refseq

NP_690865

UniProt ID

Q8WXC3

Chromosome Location

16p11.2

Pathway

NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem;

Function

cysteine-type endopeptidase activity; protein binding;

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