

Recombinant Human PATZ1 293 Cell Lysate

Cat. No. PATZ1-3421HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for POZ (BTB) and AT hook containing zinc finger 1 (PATZ1), 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

PATZ1 POZ (BTB) and AT hook containing zinc finger 1 [Homo sapiens]

Official Symbol

PATZ1

Synonyms

PATZ1; POZ (BTB) and AT hook containing zinc finger 1; zinc finger protein 278 , ZNF278; POZ-, AT hook-, and zinc finger-containing protein 1; dJ400N23; MAZR; PATZ; RIAZ; ZBTB19; ZSG; MAZ-related factor; zinc finger protein 278; POZ-AT hook-zinc finger protein; zinc finger sarcoma gene protein; BTB-POZ domain zinc finger transcription factor; BTB/POZ domain zinc finger transcription factor; zinc finger and BTB domain-containing protein 19; protein kinase A RI subunit alpha-associated protein; ZNF278;

Gene ID

23598

mRNA Refseq

NM_014323

Protein Refseq

NP_055138

MIM

605165

UniProt ID

Q9HBE1

**Chromosome
Location**

22q12.2

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Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem;
Function	DNA binding; chromatin binding; metal ion binding; zinc ion binding;

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