

Recombinant Human PRDM1 293 Cell Lysate

Cat. No. PRDM1-2887HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PR domain containing 1, with ZNF domain (PRDM1), 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

PRDM1 PR domain containing 1, with ZNF domain [Homo sapiens]

Official Symbol

PRDM1

Synonyms

PRDM1; PR domain containing 1, with ZNF domain; BLIMP1; PR domain zinc finger protein 1; PRDI BF1; BLIMP-1; PRDI-binding factor-1; B-lymphocyte-induced maturation protein 1; beta-interferon gene positive-regulatory domain I binding factor; PRDI-BF1; MGC118922; MGC118923; MGC118924; MGC118925;

Gene ID

639

mRNA Refseq

NM_001198

Protein Refseq

NP_001189

MIM

603423

UniProt ID

O75626

Chromosome Location

6q21

Pathway

Direct p53 effectors, organism-specific biosystem;

Function

histone deacetylase binding; metal ion binding; nucleic acid binding; sequence-

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specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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