

Recombinant Human PR domain containing 1 cell lysate, transcript variant 2

Cat. No. PRDM1-2890HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PR domain containing 1, transcript variant 2 fused to Flag-tag, was expressed in HEK293T cell.
Species	Human
Source	HEK293
Molecular Mass	76.7 kDa
Components	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer 1 vial of 250 µl 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na ₃ VO ₄), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20°C before shipping.
Storage Instruction	The lysate is shipped with dry ice. Upon receiving, store the sample at -20°C. Lysate samples are stable for 12 months from date of receipt when stored at -20°C. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -

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20°C for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	PRDM1 PR domain containing 1, with ZNF domain [Homo sapiens (human)]
Official Symbol	PRDM1
Synonyms	BLIMP1; PRDI-BF1
Gene ID	639
mRNA Refseq	NM_182907
Protein Refseq	NP_878911
UniProt ID	O75626
Chromosome Location	6q21
Pathway	Direct p53 effectors, organism-specific biosystem; NOD pathway, organism-specific biosystem
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; histone deacetylase binding

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