

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

Cat. No. PRDM1-2891HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PR domain containing 1, transcript variant 1 fused to Flag-tag, was expressed in HEK293T cell.
Species	Human
Source	HEK293
Molecular Mass	88.4 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 Na3VO4), 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 -

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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_001198
Protein Refseq	NP_001189
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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