

Recombinant Human PRDM1 protein, His-tagged

Cat. No. PRDM1-1758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDM1 aa. (Leu29~Asp149) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu29~Asp149
Description	This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported.
Form	Freeze-dried powder
Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	4.9

GENE INFORMATION

Gene Name	PRDM1 PR/SET domain 1 [Homo sapiens (human)]
Official Symbol	PRDM1
Synonyms	PRDM1; PR/SET domain 1; BLIMP1; PRDI-BF1; PR domain zinc finger protein 1; B-lymphocyte-induced maturation protein 1; BLIMP-1; PR domain 1; PR domain containing 1, with ZNF domain; PRDI-binding factor-1; beta-interferon gene positive-regulatory domain I binding factor
Gene ID	639
mRNA Refseq	NM_001198.3

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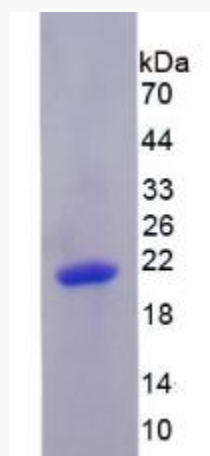
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Protein Refseq NP_001189.2

UniProt ID O75626

SDS-PAGE



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