

Recombinant Human PRDM14 protein, His & GST-tagged

Cat. No. PRDM14-1486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDM14 aa. (Glu395~His568 (Accession # Q9GZV8)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu395~His568
Description	This gene encodes a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. The encoded protein may possess histone methyltransferase activity and plays a critical role in cell pluripotency by suppressing the expression of differentiation marker genes. Expression of this gene may play a role in breast cancer.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 49.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

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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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.5

GENE INFORMATION

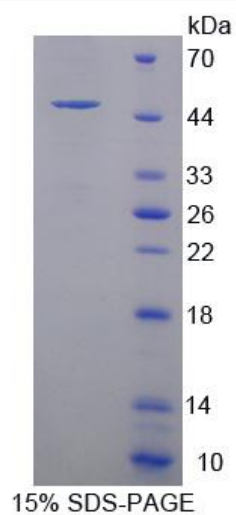
Gene Name	PRDM14 PR/SET domain 14 [Homo sapiens (human)]
Official Symbol	PRDM14
Synonyms	PRDM14; PR/SET domain 14; PFM11; PR domain zinc finger protein 14; PR domain 14; PR domain-containing 14; PR domain-containing protein 14
Gene ID	63978
mRNA Refseq	NM_024504.3
Protein Refseq	NP_078780.1
UniProt ID	Q9GZV8

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SDS-PAGE



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