

Datasheet for ABIN2669662  
**PRDM14 Protein (DYKDDDDK Tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	20 µg
Target:	PRDM14
Origin:	Human
Source:	Baculovirus
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRDM14 protein is labelled with DYKDDDDK Tag.
Application:	Enzyme Activity Assay (EAA), Screening Assay (ScA)

## Product Details

Characteristics:	Recombinant PRDM14 (accession number NP_078780.1) was expressed in Sf9 cells and contains an N-terminal FLAG tag with an observed molecular weight of 67 kDa.
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## Target Details

Target:	PRDM14
Alternative Name:	PRDM14 ( <a href="#">PRDM14 Products</a> )
Background:	PRDM14 (PR Domain Containing 14) is a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. PRDM14 possesses histone methyltransferase activity. PRDM14 is a transcription factor that has both positive and negative roles on transcription. It is required for the maintenance of embryonic stem cell identity and the reacquisition of pluripotency in somatic cells. PRDM14 may play an essential role in germ cell development at two levels: the reacquisition of potential pluripotency, including Sox2 up-regulation, and successful epigenetic reprogramming, characterized by EHMT1 repression.

## Target Details

PRDM14 directly up-regulates the expression of pluripotency gene Oct4 through its proximal enhancer. PRDM14 binds to the DNA consensus sequence 5'-GGTC[TC]CTAA-3.'

Molecular Weight: 67 kDa

## Application Details

Application Notes: Recombinant PRDM14 is suitable for use in the study of enzyme kinetics, inhibitor screening, and selectivity profiling.

Restrictions: For Research Use only

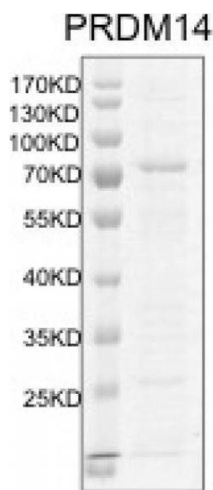
## Handling

Handling Advice: Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

Storage: -80 °C

Storage Comment: Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation.

## Images



### Western Blotting

**Image 1.** Recombinant PRDM14 protein gel. PRDM14 protein was run on a 10% SDS-PAGE gel and stained with Coomassie blue.