# Recombinant PR Domain Containing Protein 1 (PRDM1) Instruction Manual

## SIPM037Ra01

#### Rattus norvegicus (Rat)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Nucleus, Cytoplasm

**Predicted Molecular Mass** 35.1kDa

Accurate Molecular Mass 40kDa(Analysis of differences refer to the manual)

**Residues & Tags** Ser541~Lys815 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 97% Isoelectric Point 9.4

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

#### **SEQUENCE**

				STDGAMNLIK
NKRNMTGYKT	LPYPLKKQNG	KIKYECNVCA	KTFGQLSNLK	VHLRVHSGER
PFKCQTCNKG	FTQLAHLQKH	YLVHTGEKPH	<b>ECQVCHKRFS</b>	STSNLKTHLR
LHSGEKPYQC	KVCPAKFTQF	VHLKLHKRLH	TRDRPHKCAQ	CHKSYIHLCS
LKVHLKGNCP	<b>VVPAPGLPLE</b>	DLTRINEEIE	RFDLSDNADR	LEDMEDSVDV
<b>TSMVEKEILA</b>	IVRKEKEETG	LKMSLQKTMG	SRLPSSGCSL	YESSDLSLMK
LPHSNSLPLV	PVKVK			

#### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

#### **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.

#### **Image**

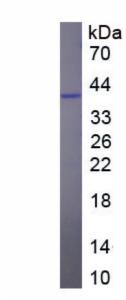


Figure. SDS-PAGE

### [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.