Recombinant Mouse Prkdc protein, His & T7-tagged

Cat. No. Prkdc-1774M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prkdc aa. (Ala3899~Met4128 (Accession # P97313)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala3899~Met4128
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
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

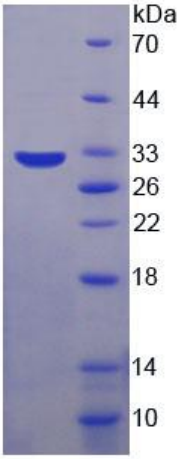
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	-80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	6.8

GENE INFORMATION

Gene Name	Prkdc protein kinase, DNA activated, catalytic polypeptide [Mus musculus (house mouse)]
Official Symbol	Prkdc
Synonyms	Prkdc; protein kinase, DNA activated, catalytic polypeptide; p460; scid; slip; DNAPK; DNPK1; HYRC1; XRCC7; dxnph; DOXNPH; DNAPDcs; AI326420; AU019811; DNA-PKcs; DNA-dependent protein kinase catalytic subunit; DNA-PK catalytic subunit; doxorubicin nephropathy; severe combined immunodeficiency
Gene ID	19090
mRNA Refseq	NM_011159.2
Protein Refseq	NP_035289.2
UniProt ID	P97313

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SDS-PAGE	 15% SDS-PAGE

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