Recombinant Mouse Prkdc protein, His-tagged

Cat. No. Prkdc-3370M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prkdc protein(P97313)(3747-4015aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	3747-4015aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	34.6 kDa
AA Sequence	EYPFLVKGGEDLRQDQRIEQIFEVMNAILSQDAACSQRNMQLRTYRVVPMTSRLGLI EWIENTMTLKDLLLSNMSQEEKVANNSDPKAPIRDYKDWLMKVSGKSDAGAYVLMY SRANRTETVVAFRRRESQVPPDLLKRAFVKMSTSPEAFLALRSHFASSHALLCISHW LLGIGDRHLNNFMVAMETGSVIGIDFGHAFGSATQFLPVPELMPFRLTRQFVSLMLP MKETGLMCTVMVHALRAFRSCAGLLTDTMEIFVKEPSFDWKS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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	repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

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

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