Recombinant Mouse Prkd2 protein, His & T7-tagged

Cat. No. Prkd2-2714M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prkd2 aa. (Met327~Gln539 (Accession # Q8BZ03)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met327~Gln539
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.1kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
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.

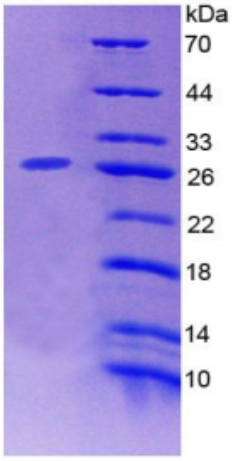
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Prkd2 protein kinase D2 [Mus musculus (house mouse)]
Official Symbol	Prkd2
Synonyms	PKD2; AI325941; serine/threonine-protein kinase D2
Gene ID	101540
mRNA Refseq	NM_001252458.1
Protein Refseq	NP_001239387.1
UniProt ID	Q8BZ03

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SDS-PAGE	 15% SDS-PAGE

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