

Recombinant Mouse Prkd1 protein, His & T7-tagged

Cat. No. Prkd1-2712M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prkd1 aa. (Glu349~Gly612 (Accession # Q62101)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu349~Gly612
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
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	Prkd1 protein kinase D1 [Mus musculus (house mouse)]
Official Symbol	Prkd1
Synonyms	PKD; PKD1; Pkcm; Prkcm; nPKC-D1; nPKC-mu; protein kinase C mu type; protein kinase C, mu; protein kinase D; serine/threonine-protein kinase D1
Gene ID	18760
mRNA Refseq	NM_008858.3
Protein Refseq	NP_032884.2
UniProt ID	Q62101

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