Recombinant Rat Dgkg protein, His & T7-tagged

Cat. No. Dgkg-1363R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dgkg aa. (Ile287~Arg524 (Accession # P49620) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile287~Arg524
Description	Putative diacylglycerol kinase associated with the cytoskeleton of purkinje cells.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.8kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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	at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Dgkg diacylglycerol kinase, gamma [Rattus norvegicus (Norway rat)]
Official Symbol	Dgkg
Synonyms	Dgkg; diacylglycerol kinase, gamma; Dagk3; DGKIII; diacylglycerol kinase gamma; 88 kDa diacylglycerol kinase; DAG kinase gamma; DGK-gamma; Diacylglycerol kinase 3 (gamma); diglyceride kinase gamma
Gene ID	25666
mRNA Refseq	NM_013126.1
Protein Refseq	NP_037258.1
UniProt ID	P49620

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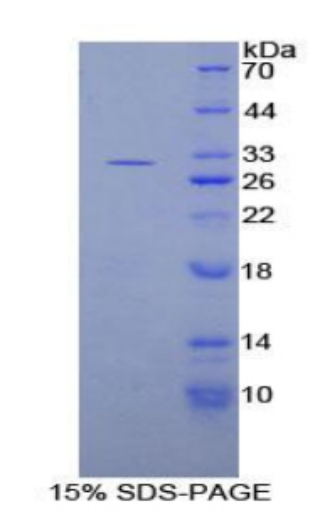
SDS-PAGE	

15% SDS-PAGE

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