

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 1g (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

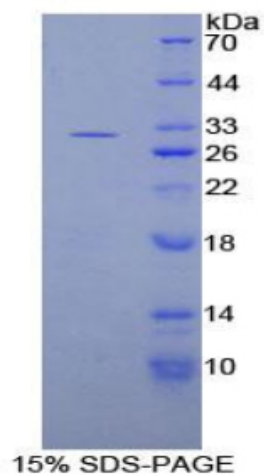
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SDS-PAGE



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