

## Recombinant Rat Dgkg protein, His & T7-tagged

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

### SPECIFICATION

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

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

## GENE INFORMATION

<b>Gene Name</b>	Dgkg diacylglycerol kinase, gamma [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Dgkg
<b>Synonyms</b>	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
<b>Gene ID</b>	25666
<b>mRNA Refseq</b>	NM_013126.1
<b>Protein Refseq</b>	NP_037258.1
<b>UniProt ID</b>	P49620

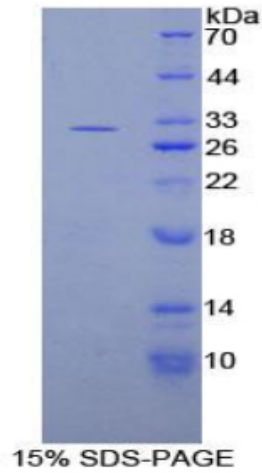
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SDS-PAGE



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