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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DGKG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001608-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

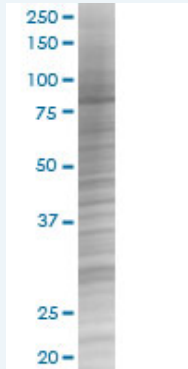
Plasmid: pCMV-DGKG full-length

Host: Human

Theoretical MW (kDa): 84.37

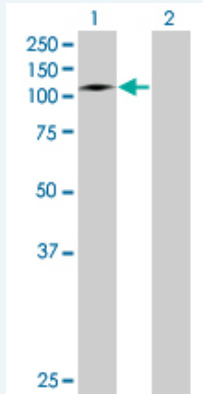
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-DGKG antibody ([H00001608-B01](#)) by Western Blots.

SDS-PAGE Gel



DGKG transfected lysate.

Western Blot



Lane 1: DGKG transfected lysate (84.37 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [1608](#)

GeneBank [BC089411](#)
Accession#:

Protein [AAH89411](#)
Accession#:

Gene Name: DGKG

Gene Alias: DAGK3,DGK-GAMMA,MGC104993,MGC133330

Gene Description: diacylglycerol kinase, gamma 90kDa

Omim ID: [601854](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an enzyme that is a member of the type I subfamily of diacylglycerol kinases, which are involved in lipid metabolism. These enzymes generate phosphatidic acid by catalyzing the phosphorylation of diacylglycerol, a fundamental lipid second messenger that activates numerous proteins, including protein kinase C isoforms, Ras guanyl nucleotide-releasing proteins and some transient receptor potential channels. Diacylglycerol kinase gamma has been implicated in cell cycle regulation and in the negative regulation of macrophage differentiation in leukemia cells. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: DAG kinase gamma,diacylglycerol kinase gamma,diacylglycerol kinase gamma,diglyceride kinase gamma

Gene Pathway

[Glycerolipid metabolism](#) [Glycerophospholipid metabolism](#) [Metabolic pathways](#)
[Phosphatidylinositol signaling system](#)

Related Disease

[Asthma](#) [Diabetes Mellitus, Type 2](#) [Genetic Predisposition to Disease](#)
[Kidney Failure, Chronic](#) [Obesity](#) [Tobacco Use Disorder](#)