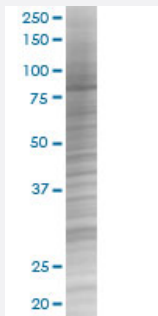


DGKG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001608-T01

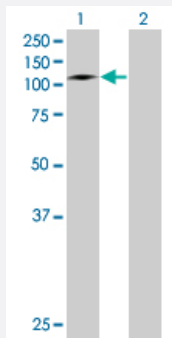
Size 100 uL

Applications



SDS-PAGE Gel

DGKG transfected lysate.



Western Blot

Lane 1: DGKG transfected lysate (84.37 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — DGKG

Entrez GeneID	1608
GeneBank Accession#	BC089411
Protein Accession#	AAH89411
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]
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Other Designations	DAG kinase gamma diacylglycerol kinase gamma diacylglycerol kinase gamma diglyceride kinase gamma
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Pathway

- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)

- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Asthma](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)