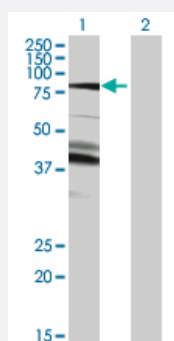


DGKA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001606-T01

Size 100 uL

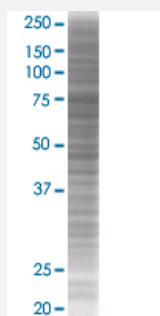
Applications



Western Blot

Lane 1: DGKA transfected lysate (82.6 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

DGKA transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-DGKA full-length

Host Human

Theoretical MW (kDa) 80.96

Quality Control Testing Transient overexpression cell lysate was tested with Anti-DGKA antibody ([H00001606-B01](#)) by Western Blots.
Western Blot
Lane 1: DGKA transfected lysate (82.6 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
DGKA 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 — DGKA

Entrez GeneID[1606](#)**GeneBank Accession#**[NM_001345](#)**Protein Accession#**[NP_001336](#)**Gene Name**

DGKA

Gene Alias

DAGK, DAGK1, DGK-alpha, MGC12821, MGC42356

Gene Description

diacylglycerol kinase, alpha 80kDa

Omim ID[125855](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq]

Other Designations

diacylglycerol kinase alpha|diacylglycerol kinase, alpha (80kD)

Pathway

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