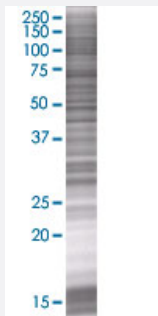


DCK 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001633-T02

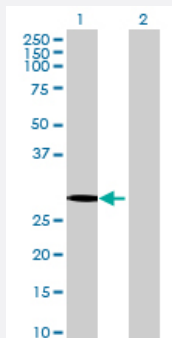
Size 100 uL

Applications



SDS-PAGE Gel

DCK transfected lysate.



Western Blot

Lane 1: DCK transfected lysate (28.71 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-DCK full-length

Host Human

Theoretical MW (kDa) 28.71

Quality Control Testing Transient overexpression cell lysate was tested with Anti-DCK antibody ([H00001633-B02](#)) by Western Blots.

SDS-PAGE Gel
DCK transfected lysate.

Western Blot
Lane 1: DCK transfected lysate (28.71 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 — DCK

Entrez GeneID[1633](#)**GeneBank Accession#**[NM_000788.1](#)**Protein Accession#**[NP_000779.1](#)**Gene Name**

DCK

Gene Alias

MGC117410, MGC138632

Gene Description

deoxycytidine kinase

Omim ID[125450](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity. [provided by RefSeq]

Other Designations

-

Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Pancreatic Neoplasms](#)