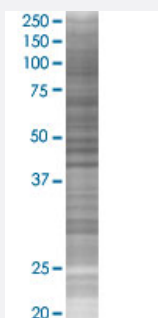


CDA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000978-T03

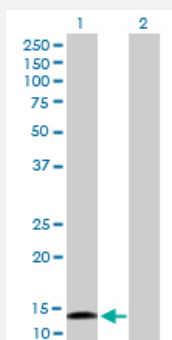
Size 100 uL

Applications



SDS-PAGE Gel

CDA transfected lysate.



Western Blot

Lane 1: CDA transfected lysate (16.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CDA full-length

Host Human

Theoretical MW (kDa) 16.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CDA antibody ([H00000978-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 CDA transfected lysate.
 Western Blot
 Lane 1: CDA transfected lysate (16.20 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 — CDA

Entrez GeneID	978
GeneBank Accession#	BC054036.1
Protein Accession#	AAH54036.1
Gene Name	CDA
Gene Alias	CDD
Gene Description	cytidine deaminase
Omim ID	123920
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme involved in pyrimidine salvaging. The encoded protein forms a homotetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. It is one of several deaminases responsible for maintaining the cellular pyrimidine pool. Mutations in this gene are associated with decreased sensitivity to the cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood leukemias. [provided by RefSeq]
Other Designations	OTTHUMP00000002883 cytidine aminohydrolase cytosine nucleoside deaminase small cytidine deaminase

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Recurrence](#)
- [Stomach Neoplasms](#)