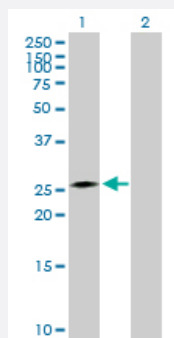


CIDEA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001149-T01

Size 100 uL

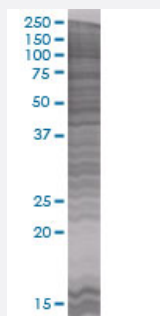
Applications



Western Blot

Lane 1: CIDEA transfected lysate (28.3 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

CIDEA transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CIDEA full-length

Host Human

Theoretical MW (kDa) 27.94

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CIDEA antibody ([H00001149-B01](#)) by Western Blots.
Western Blot
Lane 1: CIDEA transfected lysate (28.3 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
CIDEA 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 — CIDEA

Entrez GeneID[1149](#)**GeneBank Accession#**[NM_198289](#)**Protein Accession#**[NP_938031](#)**Gene Name**

CIDEA

Gene Alias

CIDE-A

Gene Description

cell death-inducing DFFA-like effector a

Omim ID[604440](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the homolog of the mouse protein Cidea that has been shown to activate apoptosis. This activation of apoptosis is inhibited by the DNA fragmentation factor DFF45 but not by caspase inhibitors. Mice that lack functional Cidea have higher metabolic rates, higher lipolysis in brown adipose tissue and higher core body temperatures when subjected to cold. These mice are also resistant to diet-induced obesity and diabetes. This suggests that in mice this gene product plays a role in thermogenesis and lipolysis. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

cell death activator

Disease

- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)