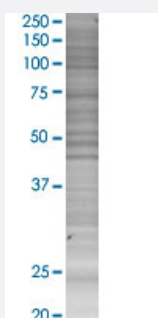


AICDA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00057379-T02

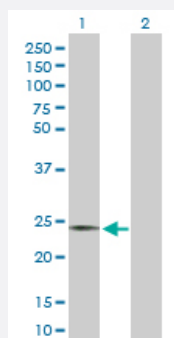
Size 100 uL

Applications



SDS-PAGE Gel

AICDA transfected lysate.



Western Blot

Lane 1: AICDA transfected lysate (24.00 kDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AICDA full-length
Host	Human
Theoretical MW (kDa)	24
Interspecies Antigen Sequence	Mouse (92); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-AICDA antibody ([H00057379-D01P](#)) by Western Blots.
SDS-PAGE Gel
AICDA transfected lysate.
Western Blot
Lane 1: AICDA transfected lysate (24.00 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 — AICDA

Entrez GeneID

[57379](#)

GeneBank Accession#

[NM_020661.1](#)

Protein Accession#

[AAH06296.1](#)

Gene Name

AICDA

Gene Alias

AID, ARP2, CDA2, HIGM2

Gene Description

activation-induced cytidine deaminase

Omim ID

[605257](#) [605258](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. The protein is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2). [provided by RefSeq]

Other Designations

activation-induced deaminase|integrated into Burkitt's lymphoma cell line Ramos

Pathway

- [Primary immunodeficiency](#)

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Immunologic Deficiency Syndromes](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Severe Combined Immunodeficiency](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)