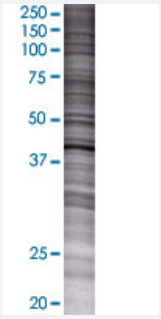
ADA 293T Cell Transient Overexpression Lysate(Denatured)

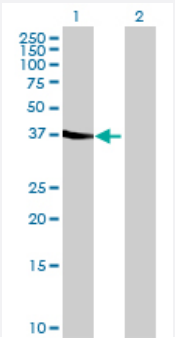
Catalog # H00000100-T01 Size 100 uL

Applications



SDS-PAGE Gel

ADA transfected lysate.



Western Blot

Lane 1: ADA transfected lysate (40.04 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ADA full-length
Host	Human
Theoretical MW (kDa)	40.04
Interspecies Antigen Sequence	Mouse (83); Rat (86)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ADA antibody (H00000100-B01) by Western Blots. SDS-PAGE Gel ADA transfected lysate. Western Blot Lane 1: ADA transfected lysate (40.04 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 — ADA

Entrez GeneID	100
GeneBank Accession#	NM_000022.2
Protein Accession#	NP_000013.2
Gene Name	ADA
Gene Alias	-
Gene Description	adenosine deaminase
Omim ID	102700 608958
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various mutations have been described for this gene and have been linked to human diseases. Deficiency in this enzyme causes a form of severe combined immunodeficiency disease (SCID), in which there is dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia. [provided by RefSeq
Other Designations	adenosine aminohydrolase

Pathway

- Metabolic pathways
- Primary immunodeficiency
- Purine metabolism

Disease

- Alcoholism
- Arthritis
- Asthma
- Autistic Disorder
- Birth Weight
- Cardiovascular Diseases
- Colonic Neoplasms
- Colorectal Neoplasms
- Coronary Artery Disease
- Crohn Disease
- Depressive Disorder
- Diabetes Mellitus
- Disease Progression
- Edema
- Fatigue
- Genetic Predisposition to Disease
- Hepatitis C
- Hyperbilirubinemia
- Hyperemia

- Hypersensitivity
- Hypertension
- Interview
- Lymphopenia
- Malaria
- Mental Disorders
- Mental Retardation
- Metabolic Syndrome X
- Microsatellite Instability
- Severe combined immunodeficiency
- Sleep Disorders
- Sleep Initiation and Maintenance Disorders
- Viremia