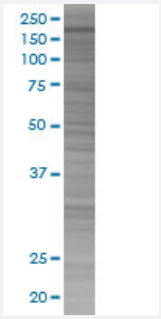
# ADAR 293T Cell Transient Overexpression Lysate(Denatured)

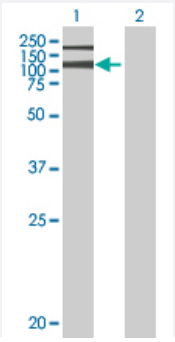
Catalog # H00000103-T01 Size 100 uL

## Applications




### SDS-PAGE Gel

ADAR transfected lysate.




### Western Blot

Lane 1: ADAR transfected lysate ( 136 KDa)
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Transfected Cell Line** | 293T |
| **Plasmid** | pCMV-ADAR full-length |
| **Host** | Human |
| **Theoretical MW (kDa)** | 136 |
| **Interspecies Antigen Sequence** | Mouse (74); Rat (76) |

| | |
|---|---|
| **Quality Control Testing** | Transient overexpression cell lysate was tested with Anti-ADAR antibody (H00000103-B01) by Western Blots.<br>SDS-PAGE Gel<br>ADAR transfected lysate.<br>Western Blot<br>Lane 1: ADAR transfected lysate ( 136 KDa)<br>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 — ADAR

| | |
|---|---|
| **Entrez GeneID** | 103 |
| **GeneBank Accession#** | P55265 |
| **Protein Accession#** | - |
| **Gene Name** | ADAR |
| **Gene Alias** | ADAR1, DRADA, DSH, DSRAD, G1P1, IFI-4, IFI4, K88dsRBP, p136 |
| **Gene Description** | adenosine deaminase, RNA-specific |
| **Omim ID** | 127400 146920 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq |
| **Other Designations** | 136 kDa double-stranded RNA binding protein\|OTTHUMP00000035372\|OTTHUMP00000035373\|adenosine deaminase acting on RNA 1-A\|double-stranded RNA-specific adenosine deaminase\|interferon-induced protein 4\|interferon-inducible protein 4 |

## Pathway

- Atrazine degradation

## Disease

- Genetic Predisposition to Disease
- Hepatitis B
- Hepatitis C
- Liver Cirrhosis
- Multiple Sclerosis
- Tobacco Use Disorder