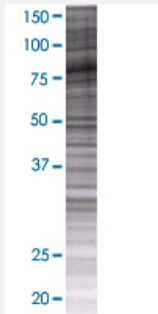# DDX4 293T Cell Transient Overexpression Lysate(Denatured)

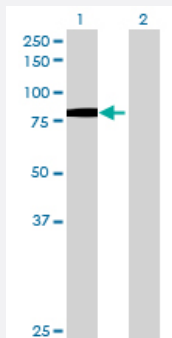Catalog #    H00054514-T01        Size    100 uL

## Applications



### SDS-PAGE Gel

DDX4 transfected lysate.



### Western Blot

Lane 1: DDX4 transfected lysate ( 76.01 KDa)
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Transfected Cell Line** | 293T |
| **Plasmid** | pCMV-DDX4 full-length |
| **Host** | Human |
| **Theoretical MW (kDa)** | 76.01 |
| **Interspecies Antigen Sequence** | Mouse (84); Rat (85) |

| Quality Control Testing | Transient overexpression cell lysate was tested with Anti-DDX4 antibody (H00054514-B01) by Western Blots.<br>SDS-PAGE Gel<br>DDX4 transfected lysate.<br>Western Blot<br>Lane 1: DDX4 transfected lysate ( 76.01 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 — DDX4

| Entrez GeneID | 54514 |
|---|---|
| GeneBank Accession# | BC047455.1 |
| Protein Accession# | AAH47455.1 |
| Gene Name | DDX4 |
| Gene Alias | MGC111074, VASA |
| Gene Description | DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 |
| Omim ID | 605281 |
| Gene Ontology | Hyperlink |
| Gene Summary | DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a homolog of VASA proteins in Drosophila and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development. [provided by RefSeq |
| Other Designations | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 4|OTTHUMP00000122546 |