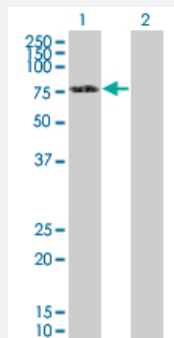


# DDX5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001655-T01

Size 100 uL

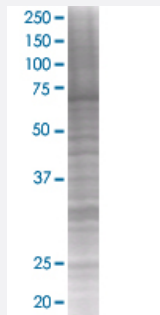
## Applications



### Western Blot

Lane 1: DDX5 transfected lysate ( 67.54 KDa)

Lane 2: Non-transfected lysate.



### SDS-PAGE Gel

DDX5 transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-DDX5 full-length
Host	Human
Theoretical MW (kDa)	67.65
Interspecies Antigen Sequence	Mouse (99); Rat (99)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-DDX5 antibody ([H00001655-B01](#)) by Western Blots.  
Western Blot  
Lane 1: DDX5 transfected lysate ( 67.54 KDa)  
Lane 2: Non-transfected lysate.  
SDS-PAGE Gel  
DDX5 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 — DDX5

**Entrez GeneID**[1655](#)**GeneBank Accession#**[BC016027](#)**Protein Accession#**[AAH16027](#)**Gene Name**

DDX5

**Gene Alias**

DKFZp434E109, DKFZp686J01190, G17P1, HLR1, HUMP68, p68

**Gene Description**

DEAD (Asp-Glu-Ala-Asp) box polypeptide 5

**Omim ID**[180630](#)**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 RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified. [provided by RefSeq]

**Other Designations**

ATP-dependent RNA helicase DDX5|DEAD box-5|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD)

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**Disease**

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)