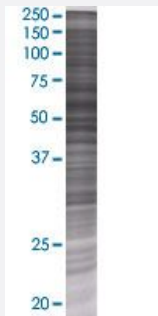


# USP14 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009097-T01

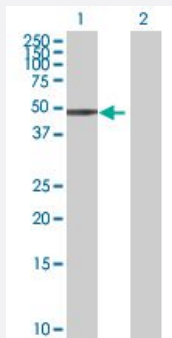
Size 100 uL

## Applications



### SDS-PAGE Gel

USP14 transfected lysate.



### Western Blot

Lane 1: USP14 transfected lysate ( 54.45 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-USP14 full-length
Host	Human
Theoretical MW (kDa)	54.45
Interspecies Antigen Sequence	Mouse (96); Rat (96)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-USP14 antibody ([H00009097-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 USP14 transfected lysate.  
 Western Blot  
 Lane 1: USP14 transfected lysate ( 54.45 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 — USP14

### Entrez GeneID

[9097](#)

### GeneBank Accession#

[NM\\_005151.3](#)

### Protein Accession#

[NP\\_005142.1](#)

### Gene Name

USP14

### Gene Alias

TGT

### Gene Description

ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)

### Omim ID

[607274](#)

### Gene Ontology

[Hyperlink](#)

### Gene Summary

This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

### Other Designations

deubiquitinating enzyme 14|tRNA-guanine transglycosylase, 60-kD subunit|ubiquitin carboxyl-terminal hydrolase 14|ubiquitin specific protease 14|ubiquitin specific protease 14 (tRNA-guanine transglycosylase)|ubiquitin thiolesterase 14|ubiquitin-specific pr