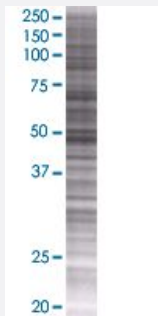


TRMT12 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00055039-T01

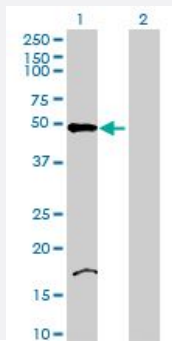
Size 100 uL

Applications



SDS-PAGE Gel

TRMT12 transfected lysate.



Western Blot

Lane 1: TRMT12 transfected lysate (50.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TRMT12 full-length
Host	Human
Theoretical MW (kDa)	50.2
Interspecies Antigen Sequence	Mouse (81); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TRMT12 antibody ([H00055039-B01](#)) by Western Blots.
SDS-PAGE Gel
TRMT12 transfected lysate.
Western Blot
Lane 1: TRMT12 transfected lysate (50.2 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 — TRMT12

Entrez GeneID

[55039](#)

GeneBank Accession#

[BC011713](#)

Protein Accession#

[AAH11713.1](#)

Gene Name

TRMT12

Gene Alias

FLJ20772, TRM12, TYW2

Gene Description

tRNA methyltransferase 12 homolog (S. cerevisiae)

Omim ID

[611244](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TRMT12 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]

Other Designations

homolog of yeast tRNA methyltransferase|homolog of yeast tRNA methyltransferase 12|tRNA methyltransferase 12 homolog|tRNA-yW synthesizing protein 2