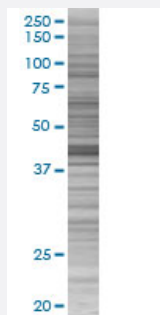


TYW1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00055253-T01

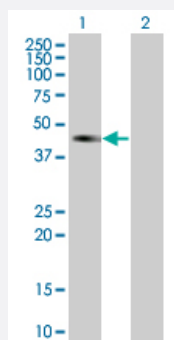
Size 100 uL

Applications



SDS-PAGE Gel

RSAFD1 transfected lysate.



Western Blot

Lane 1: RSAFD1 transfected lysate (42.35 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TYW1 full-length
Host	Human
Theoretical MW (kDa)	42.35
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-TYW1 antibody (H00055253-B01) by Western Blots. SDS-PAGE Gel RSAFD1 transfected lysate. Western Blot Lane 1: RSAFD1 transfected lysate (42.35 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 — TYW1

Entrez GeneID	55253
GeneBank Accession#	BC051888.1
Protein Accession#	-
Gene Name	TYW1
Gene Alias	FLJ10900, MGC23001, MGC60291, RSAFD1, TYW1A, YPL207W
Gene Description	tRNA-yW synthesizing protein 1 homolog (S. cerevisiae)
Omim ID	611243
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. TYW1 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]
Other Designations	radical S-adenosyl methionine and flavodoxin domains 1 tRNA-yW synthesizing protein 1 homolog A

Disease

- [Tobacco Use Disorder](#)