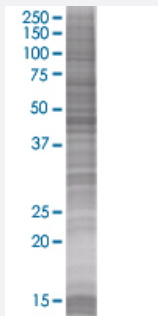


PUS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00080324-T01

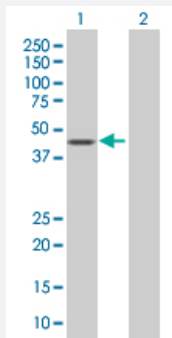
Size 100 uL

Applications



SDS-PAGE Gel

PUS1 transfected lysate



Western Blot

Lane 1: PUS1 transfected lysate (44 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PUS1 full-length
Host	Human
Theoretical MW (kDa)	44
Interspecies Antigen Sequence	Mouse (82); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PUS1 antibody ([H00080324-B01](#)) by Western Blots.
SDS-PAGE Gel
PUS1 transfected lysate
Western Blot
Lane 1: PUS1 transfected lysate (44 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 — PUS1

Entrez GeneID [80324](#)

GeneBank Accession# [BC002901](#)

Protein Accession# [AAH02901](#)

Gene Name PUS1

Gene Alias MGC11268, MLASA

Gene Description pseudouridylate synthase 1

Omim ID [600462 608109](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a pseudouridine synthase that converts uridine to pseudouridine once it has been incorporated into an RNA molecule. The encoded enzyme may play an essential role in tRNA function and in stabilizing the secondary and tertiary structure of many RNAs. A mutation in this gene has been linked to mitochondrial myopathy and sideroblastic anemia. Alternate splicing results in multiple transcript variants

Other Designations

pseudouridine synthase 1