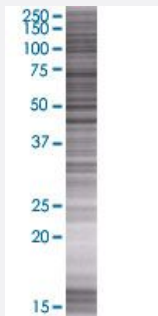


DNMT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001787-T01

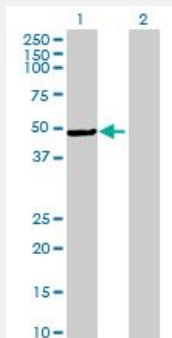
Size 100 uL

Applications



SDS-PAGE Gel

TRDMT1 transfected lysate.



Western Blot

Lane 1: TRDMT1 transfected lysate (44.6 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-DNMT2 full-length

Host Human

Theoretical MW (kDa) 44.6

Quality Control Testing Transient overexpression cell lysate was tested with Anti-DNMT2 antibody ([H00001787-B01](#)) by Western Blots.
SDS-PAGE Gel
TRDMT1 transfected lysate.
Western Blot
Lane 1: TRDMT1 transfected lysate (44.6 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 — TRDMT1

Entrez GeneID	1787
GeneBank Accession#	BC047733
Protein Accession#	AAH47733
Gene Name	TRDMT1
Gene Alias	DNMT2, M.HsaIIIP, PuMet, RNMT1
Gene Description	tRNA aspartic acid methyltransferase 1
Omim ID	602478
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	DNA (cytosine-5-)-methyltransferase 2 DNA MTase homolog HsaIIIP DNA methyltransferase homolog HsaIIIP DNA methyltransferase-2 OTTHUMP00000019228 OTTHUMP00000045198 tRNA aspartic acid methyltransferase 1 variant 1 tRNA aspartic acid methyltransferase 1 varia

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Spinal Dysraphism](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)