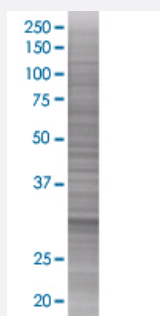


GNMT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027232-T01

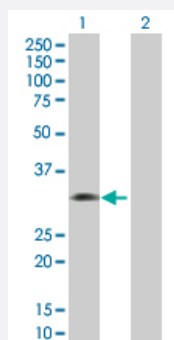
Size 100 uL

Applications



SDS-PAGE Gel

GNMT transfected lysate



Western Blot

Lane 1: GNMT transfected lysate (32.7 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GNMT full-length

Host Human

Theoretical MW (kDa) 32.7

Interspecies Antigen Sequence Mouse (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GNMT antibody ([H00027232-B01](#)) by Western Blots.
 SDS-PAGE Gel
 GNMT transfected lysate
 Western Blot
 Lane 1: GNMT transfected lysate (32.7 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 — GNMT

Entrez GeneID

[27232](#)

GeneBank Accession#

[NM_018960](#)

Protein Accession#

[NP_061833](#)

Gene Name

GNMT

Gene Alias

-

Gene Description

glycine N-methyltransferase

Omim ID

[606628](#) [606664](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is an enzyme that catalyzes the conversion of S-adenosyl-L-methionine (along with glycine) to S-adenosyl-L-homocysteine and sarcosine. The encoded protein is found in the cytoplasm and acts as a homotetramer. Defects in this gene are a cause of GNMT deficiency (hypermethioninemia). [provided by RefSeq]

Other Designations

OTTHUMP00000016412

Pathway

- [Glycine](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Folic Acid Deficiency](#)
- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Spinal Dysraphism](#)