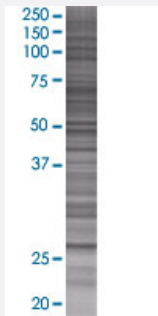


GAMT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002593-T01

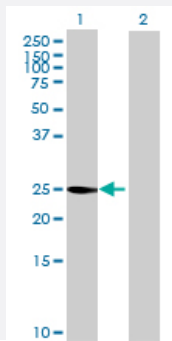
Size 100 uL

Applications



SDS-PAGE Gel

GAMT transfected lysate.



Western Blot

Lane 1: GAMT transfected lysate (26.07 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GAMT full-length
Host	Human
Theoretical MW (kDa)	26.07
Interspecies Antigen Sequence	Mouse (88); Rat (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GAMT antibody ([H00002593-B01](#)) by Western Blots.
SDS-PAGE Gel
GAMT transfected lysate.
Western Blot
Lane 1: GAMT transfected lysate (26.07 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 — GAMT

Entrez GeneID[2593](#)**GeneBank Accession#**[NM_000156.4](#)**Protein Accession#**[NP_000147.1](#)**Gene Name**

GAMT

Gene Alias

PIG2, TP53I2

Gene Description

guanidinoacetate N-methyltransferase

Omim ID[601240](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations

-

Pathway

- [Arginine and proline metabolism](#)
- [Glycine](#)
- [Metabolic pathways](#)

Disease

- [Spinal Dysraphism](#)