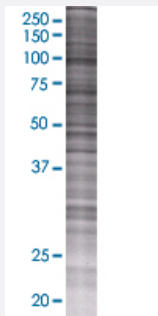


GPAM 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00057678-T01

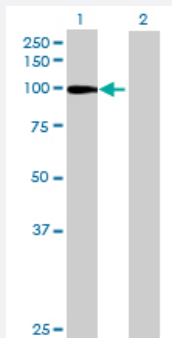
Size 100 uL

Applications



SDS-PAGE Gel

GPAM transfected lysate.



Western Blot

Lane 1: GPAM transfected lysate (91.19 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GPAM full-length
Host	Human
Theoretical MW (kDa)	91.19
Interspecies Antigen Sequence	Mouse (92); Rat (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GPAM antibody ([H00057678-B01](#)) by Western Blots.
SDS-PAGE Gel
GPAM transfected lysate.
Western Blot
Lane 1: GPAM transfected lysate (91.19 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 — GPAM

Entrez GeneID[57678](#)**GeneBank Accession#**[BC030783.1](#)**Protein Accession#**[AAH30783.1](#)**Gene Name**

GPAM

Gene Alias

GPAT1, KIAA1560, MGC26846, RP11-426E5.2

Gene Description

glycerol-3-phosphate acyltransferase, mitochondrial

Omim ID[602395](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Glycerol-3-phosphate acyltransferase (GPAT; EC 2.3.1.15), which catalyzes the initial and committing step in glycerolipid biosynthesis, is predicted to play a pivotal role in the regulation of cellular triacylglycerol and phospholipid levels. Two mammalian forms of GPAT have been identified on the basis of localization to either the endoplasmic reticulum or mitochondria.[supplied by OMIM]

Other Designations

glycerol 3-phosphate acyltransferase, mitochondrial|mitochondrial glycerol 3-phosphate acyltransferase

Pathway

- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)