

Recombinant Human GPAM cell lysate

Cat. No. GPAM-729HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GPAM glycerol-3-phosphate acyltransferase, mitochondrial [Homo sapiens]
Official Symbol	GPAM
Synonyms	GPAM; glycerol-3-phosphate acyltransferase, mitochondrial; glycerol-3-phosphate acyltransferase 1, mitochondrial; glycerol 3 phosphate acyltransferase 1; mitochondrial; GPAT1; KIAA1560; MGC26846; GPAT-1; glycerol 3-phosphate

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	acyltransferase, mitochondrial; GPAT; RP11-426E5.2;
Gene ID	57678
mRNA Refseq	NM_001244949
Protein Refseq	NP_001231878
MIM	602395
UniProt ID	Q9HCL2
Chromosome Location	10q25.3
Pathway	CDP-diacylglycerol biosynthesis I, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	glycerol-3-phosphate O-acyltransferase activity; glycerol-3-phosphate O-acyltransferase activity; transferase activity, transferring acyl groups;