

Recombinant Full Length Human PNPLA3 Protein, GST-tagged

Cat. No. PNPLA3-922HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPLA3(1 a.a. - 481 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	481 amino acids
Description	The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	79.2 kDa
AA Sequence	MYDAERGWSL SFAGCGFLGF YHVGATRCLS EHAPHLLRDA RMLFGASAGA LHCVGVLSGI PLEQTLQVLS DLVRKARSRN IGIFHPSFNL SKFLRQGLGK CLPANVHQLI SGKIGISLTR VSDGENVLVS DFRSKDEVVD ALVCSCFMPF YSGLIPPSFR GVMRYVDGGVS DNVPFIDAKT TITVSPFYGE YDICPKVKST NFLHVDITKL SLRLCTGNLY LLSRAFPVPD LKVLGEICLR GYLDAFRFLE EKGICNRPQP GLKSSSEGMD PEVAMPSWAN MSLDSSPESA ALAVRLEGDE LLDHLRLSIL PWDESILDTL SPRLATALSE EMKDKGGYMS KICNLLPIRI

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MSYVMLPCTL PVESAIAIVQ RLVTWLPDMP DDVLWLQWVT SQVFTRVLMC
LLPASRSQMP VSSQQASPCT PEQDWPCWTP CSPEGCPAET KAEATPRSIL
RSSLNFFLGN KVPAGAEGLS TFPSFSLEKS L

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

PNPLA3 patatin-like phospholipase domain containing 3 [Homo sapiens]

Official Symbol

PNPLA3

Synonyms

PNPLA3; patatin-like phospholipase domain containing 3; adiponutrin , ADPN, C22orf20, chromosome 22 open reading frame 20; patatin-like phospholipase domain-containing protein 3; adiponutrin; dJ796I17.1; FLJ22012; iPLA2-epsilon; acylglycerol O-acyltransferase; calcium-independent phospholipase A2-epsilon; ADPN; C22orf20; iPLA(2)epsilon

Gene ID

80339

mRNA Refseq

NM_025225

Protein Refseq

NP_079501

MIM

609567

UniProt ID

Q9NST1

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