

Recombinant Human PNPLA3, GST-tagged

Cat. No. PNPLA3-1818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPLA3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-103aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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	ADPN; C22orf20; iPLA(2)epsilon;
Gene ID	80339
mRNA Refseq	NM_025225
Protein Refseq	NP_079501
MIM	609567
UniProt ID	Q9NST1
Chromosome Location	22q13.31
Pathway	Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Adipogenesis, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	diolain transacylation activity; hydrolase activity; mono-olein transacylation activity; phospholipase A2 activity; retinyl-palmitate esterase activity; transferase activity, transferring acyl groups; triglyceride lipase activity;