

## Recombinant Human PNPLA3, GST-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	PNPLA3 patatin-like phospholipase domain containing 3 [ Homo sapiens ]
<b>Official Symbol</b>	PNPLA3
<b>Synonyms</b>	PNPLA3; patatin-like phospholipase domain containing 3; adiponutrin , ADPN, C22orf20, chromosome 22 open reading frame 20; patatin-like phospholipase domain-containing protein 3; adiponutrin; dJ796l17.1; FLJ22012; iPLA2-epsilon; acylglycerol O-acyltransferase; calcium-independent phospholipase A2-epsilon;

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	ADPN; C22orf20; iPLA(2)epsilon;
<b>Gene ID</b>	<a href="#">80339</a>
<b>mRNA Refseq</b>	<a href="#">NM_025225</a>
<b>Protein Refseq</b>	<a href="#">NP_079501</a>
<b>MIM</b>	<a href="#">609567</a>
<b>UniProt ID</b>	<a href="#">Q9NST1</a>
<b>Chromosome Location</b>	22q13.31
<b>Pathway</b>	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;
<b>Function</b>	diolein transacylation activity; hydrolase activity; mono-olein transacylation activity; phospholipase A2 activity; retinyl-palmitate esterase activity; transferase activity, transferring acyl groups; triglyceride lipase activity;

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