

Recombinant Human PNPLA3 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PNPLA3-091H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PNPLA3 MS Standard C13 and N15-labeled recombinant protein (NP_079501) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	52.8 kDa
AA Sequence	MYDAERGWSLSFAGCGFLGFYHVGATRCLSEHAPHLLRDARMLFGASAGALHCVG VLSGIPLEQTLQVLSDLVRKARSRNIGIFHPSFNLSKFLRQGLGKCLPANVHQLISGKI GISLTRVSDGENVLVSDFRSKDEVVDALVCSCFMPFYSGLIPPSFRGVRYVDGGVS DNVPFIDAKTTITVSPFYGEYDICKPKVKSTNFLHVDITKLSRLCTGNLYLLSRAFPVP DLKVLGEICLRGYLDAFRFLEEKGICNRPQPGLKSSSEGMDPEVAMPSWANMSLDS SPESAALAVRLEGDELDDLRLSILPWDESILDTLSPRLATALSEEMKDKGGYMSKIC NLLPIRIMSYVMLPCTLPVESAIQRLVTWLPDMPDDVLWLQWVTSQVFTRVLMC LLPASRSQMPVSSQQASPCTPEQDWPCWTPCSPEGCPAETKAEATPRSILRSSLN FLGNKVPAGAEGSLTFPSFSLEKSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PNPLA3 patatin like phospholipase domain containing 3 [Homo sapiens (human)]
Official Symbol	PNPLA3
Synonyms	PNPLA3; patatin like phospholipase domain containing 3; ADPN; C22orf20; iPLA(2)epsilon; 1-acylglycerol-3-phosphate O-acyltransferase PNPLA3; acylglycerol O-acyltransferase; acylglycerol transacylase; adiponutrin; calcium-independent phospholipase A2-epsilon; iPLA2-epsilon; iPLA2epsilon; lysophosphatidic acid acyltransferase; patatin-like phospholipase domain-containing protein 3; EC 2.3.1.51; EC 3.1.1.3
Gene ID	80339
mRNA Refseq	NM_025225
Protein Refseq	NP_079501
MIM	609567

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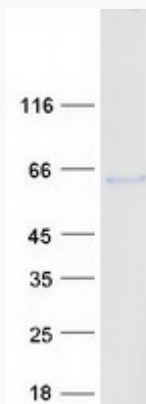
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UniProt ID

Q9NST1

SDS-PAGE

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