

Recombinant Human PNPLA3 Protein (Full Length), N-His tagged

Cat. No. PNPLA3-15HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human patatin-like phospholipase domain containing 3 (PNPLA3), full length, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length
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
Purity	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade after receiving vials.
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Storage Buffer	50 mM Tris-HCl, pH 8.0, 8 M urea
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; EC 3.1.1.4
Gene ID	80339
mRNA Refseq	NM_025225
Protein Refseq	NP_079501
MIM	609567
UniProt ID	Q9NST1

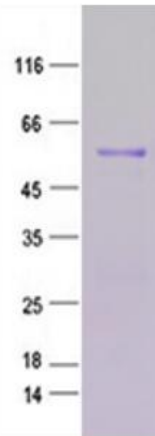
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SDS-PAGE



Purified recombinant protein PNPLA3 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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