

Recombinant Mouse Pnpla6 Protein, Myc/DDK-tagged

Cat. No. Pnpla6-4973M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length patatin-like phospholipase domain containing 6 (Pnpla6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phospholipase B that deacylates intracellular phosphatidylcholine (PtdCho), generating glycerophosphocholine (GroPtdCho) (Probable). This deacylation occurs at both sn-2 and sn-1 positions of PtdCho. Catalyzes the hydrolysis of several naturally occurring membrane-associated lipids. Hydrolyzes lysophospholipids and monoacylglycerols, preferring the 1-acyl to the 2-acyl isomer. Does not catalyze hydrolysis of di- or triacylglycerols or fatty acid amides.
Molecular Mass	147 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Pnpla6 patatin-like phospholipase domain containing 6 [Mus musculus (house mouse)]

Official Symbol Pnpla6

Synonyms PNPLA6; patatin-like phospholipase domain containing 6; neuropathy target esterase; Swiss cheese; Swiss-cheese; patatin-like phospholipase domain-containing protein 6; Nte; MSws; AI661849

Gene ID 50767

mRNA Refseq NM_015801

Protein Refseq NP_056616

UniProt ID Q3TRM4

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