

Recombinant Human PNPLA6 Protein, MYC/DDK-tagged

Cat. No. PNPLA6-2408H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPLA6 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a phospholipase that deacetylates intracellular phosphatidylcholine to produce glycerophosphocholine. It is thought to function in neurite outgrowth and process elongation during neuronal differentiation. The protein is anchored to the cytoplasmic face of the endoplasmic reticulum in both neurons and non-neuronal cells. Mutations in this gene result in autosomal recessive spastic paraplegia, and the protein is the target for neurodegeneration induced by organophosphorus compounds and chemical warfare agents. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	150.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PNPLA6 patatin-like phospholipase domain containing 6 [Homo sapiens]
Official Symbol	PNPLA6
Synonyms	BNHS; iPLA2delta; LNMS; NTE; NTEMND; OMCS; SPG39; sws
Gene ID	10908
mRNA Refseq	NM_001166111
Protein Refseq	NP_001159583
MIM	603197
UniProt ID	Q8IY17

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