

Recombinant Mouse Lpin2 Protein, Myc/DDK-tagged

Cat. No. Lpin2-3811M Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Purified recombinant protein of mouse full-length lipin 2 (Lpin2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the reticulum endoplasmic membrane. Plays important roles in controlling the metabolism of fatty acids at different levels. Acts also as a nuclear transcriptional coactivator for PPARGC1A to modulate lipid metabolism. |
| Molecular Mass | 100.1 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 Lpin2 lipin 2 [*Mus musculus* (house mouse)]

Official Symbol Lpin2

Synonyms LPIN2; lipin 2; phosphatidate phosphatase LPIN2; lipin-2; AI481352; AW742896; 2610511G02Rik

Gene ID 64898

mRNA Refseq NM_022882

Protein Refseq NP_075020

UniProt ID Q99PI5

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