

Recombinant Mouse Plekha3 Protein, Myc/DDK-tagged

Cat. No. Plekha3-4926M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 3 (Plekha3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in regulation of vesicular cargo transport from the trans-Golgi network (TGN) to the plasma membrane. Regulates Golgi phosphatidylinositol 4-phosphate (PtdIns4P) levels and activates the PtdIns4P phosphatase activity of SACM1L when it binds PtdIns4P in 'trans' configuration. Binds preferentially to PtdIns4P. Negatively regulates APOB secretion from hepatocytes.
Molecular Mass	33.4 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 Plekha3 pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 3 [Mus musculus (house mouse)]

Official Symbol Plekha3

Synonyms PLEKHA3; pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 3; pleckstrin homology domain-containing family A member 3; FAPP-1; PH domain-containing family A member 3; phosphoinositol 4-phosphate adapter protein 1; phosphatidylinositol-four-phosphate adapter protein 1; FAPP1

Gene ID 83435

mRNA Refseq NM_031256

Protein Refseq NP_112546

UniProt ID Q9ERS4

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