

Recombinant Mouse Phlda3 Protein, Myc/DDK-tagged

Cat. No. Phlda3-4841M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pleckstrin homology like domain, family A, member 3 (Phlda3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	p53/TP53-regulated repressor of Akt/AKT1 signaling. Represses AKT1 by preventing AKT1-binding to membrane lipids, thereby inhibiting AKT1 translocation to the cellular membrane and activation. Contributes to p53/TP53-dependent apoptosis by repressing AKT1 activity. Its direct transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May act as a tumor suppressor.
Molecular Mass	13.7 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 Phlda3 pleckstrin homology like domain, family A, member 3 [Mus musculus (house mouse)]

Official Symbol Phlda3

Synonyms PHLDA3; pleckstrin homology-like domain, family A, member 3; pleckstrin homology-like domain family A member 3; TDAG/lpl homolog 1; TDAG51/lpl homolog 1; Tih1

Gene ID 27280

mRNA Refseq NM_013750

Protein Refseq NP_038778

UniProt ID Q9WV95

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