

Recombinant Human PHLDA3 protein, Myc/DDK-tagged

Cat. No. PHLDA3-1692H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHLDA3 protein, fused with Myc/DDK-tagged, was expressed in HEK293T and captured through anti-DDK affinity column followed by conventional chromatography steps.
Species	Human
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Concentration	>50 µg/mL as determined by microplate BCA method.

GENE INFORMATION

Gene Name	PHLDA3
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Official Symbol	PHLDA3
Synonyms	TIH1
Gene ID	23612
mRNA Refseq	NM_012396.5
Protein Refseq	NP_036528.1
MIM	607054
UniProt ID	Q9Y5J5

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