

Recombinant Human PHLDA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PHLDA3-2129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PHLDA3 MS Standard C13 and N15-labeled recombinant protein (NP_036528) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	13.9 kDa
AA Sequence	MTAAATATVLKEGVLEKRSGLLQLWKRKRCVLTERGLQLFEAKGTGGRPKELSFA RIKAVECVESTGRHIYFTLVTEGGGEIDFRCPLEDPGWNAQITLGLVKFKNQQAIQTV RARQSLGTGLVSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

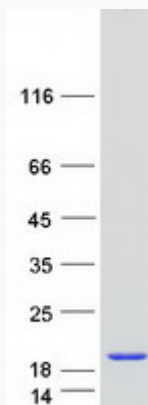
GENE INFORMATION

Gene Name	PHLDA3 pleckstrin homology like domain family A member 3 [Homo sapiens (human)]
Official Symbol	PHLDA3
Synonyms	PHLDA3; pleckstrin homology-like domain, family A, member 3; pleckstrin homology-like domain family A member 3; pleckstrin homology like domain; family A; member 2; TIH1; TDAG51/Ipl homolog 1; pleckstrin homology-like domain, family A, member 2;
Gene ID	23612
mRNA Refseq	NM_012396
Protein Refseq	NP_036528
MIM	607054
UniProt ID	Q9Y5J5

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SDS-PAGE

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