

## Product datasheet for PH306751

### PHLDA3 (NM\_012396) Human Mass Spec Standard

#### Product data:

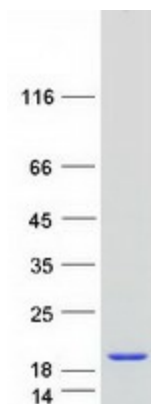
Product Type:	Mass Spec Standards
Description:	PHLDA3 MS Standard C13 and N15-labeled recombinant protein (NP_036528)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206751
Predicted MW:	13.9 kDa
Protein Sequence:	>RC206751 protein sequence Red=Cloning site Green=Tags(s)  MTAAATATVLKEGVLEKRSGLLQLWKRKRCVLTERGLQLFEAKGTGGRPKELSFARIKAVECEVESTGRH IYFTLVTEGGGEIDFRCPLEDPGWNAQITLGLVKFKNQQAIQTVRARQSLGTGLVS  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_036528</a>
RefSeq Size:	1516
RefSeq ORF:	381
Synonyms:	TIH1
Locus ID:	23612
UniProt ID:	<a href="#">Q9Y5J5</a>
Cytogenetics:	1q32.1



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**Summary:**

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.[UniProtKB/Swiss-Prot Function]

**Product images:**

Coomassie blue staining of purified PHLDA3 protein (Cat# [TP306751]). The protein was produced from HEK293T cells transfected with PHLDA3 cDNA clone (Cat# [RC206751]) using MegaTran 2.0 (Cat# [TT210002]).