

Product datasheet for TP306751M

PHLDA3 (NM_012396) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pleckstrin homology-like domain, family A, member 3 (PHLDA3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206751 protein sequence Red=Cloning site Green=Tags(s)
	MTAAATATVLKEGVLEKRSGLLQLWKRKRCVLTERGLQLFEAKGTGGRPKELSFARIKAVECVESTGRH IYFTLVTEGGGEIDFRCPLEDPGWNAQITLGLVKFKNQQAQITVRARQSLGTGLVS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_036528
Locus ID:	23612
UniProt ID:	Q9Y5J5
RefSeq Size:	1516



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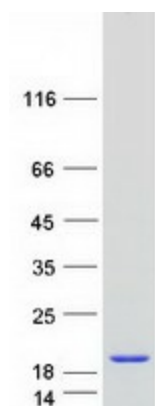
Cytogenetics: 1q32.1

RefSeq ORF: 381

Synonyms: TIH1

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]).