

Product datasheet for **TP306751**

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), 20 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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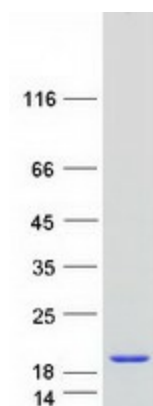
Cytogenetics: 1q32.1

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]).