

# Recombinant human PHLDA2 protein

Catalog Number: ATGP0546

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-152aa

### UniProt No.

Q53GA4

### NCBI Accession No.

NP\_003302.1

### Alternative Names

Pleckstrin homology-like domain family A member 2, BRW1C, BWR1C, HLDA2, IPL, TSSC3, Pleckstrin homology-like domain family A member 2 Beckwith Wiedemann syndrome chromosome region 1 candidate protein C, BRW 1C, BWR 1C, HLDA 2, HLDA2, Imprinted in placenta and liver, Imprinted in placenta and liver protein, p17 Beckwith Wiedemann region 1C, p17 BWR1C, PHLDA 2, Pleckstrin homology like domain family A member 2, TSSC 3, Tumor supressing STF cDNA 3, Tumor suppressing STF cDNA 3 protein, Tumor suppressing subchromosomal transferable, fragment candidate gene 3 protein, Tumor suppressing subchromosomal transferable fragment cDNA 3, Tumor suppressing subtransferable candidate 3,

## PRODUCT SPECIFICATION

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### Molecular Weight

19.2 kDa (172aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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# Recombinant human PHLDA2 protein

Catalog Number: ATGP0546

## Description

PHLDA2, also known as Pleckstrin homology-like domain family A member 2, is a cytoplasmic protein that is involved in fetal and placental growth. It is an apoptosis-related protein that acts as a negative growth regulator and is expressed during normal human development. This protein is imprinted on placenta, liver and fetal tissues during embryogenesis and is removed once development is complete. Recombinant human PHLDA2 protein, fused to His-tag at N-terminus was expressed in *E. coli* and purified by using conventional chromatography techniques.

## Amino acid Sequence

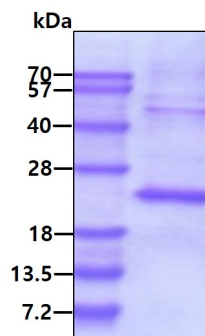
<MGSSHHHHHH SSGLVPRGSH> MKSPDEVLRE GELEKRSDSL FQLWKKKRGV LTSDRLSLFP ASPRARPKEL  
RFHSILKVDC VERTGKYVYF TIVTTDHKEI DFRCAGESCW NAAIALALID FQNRRLQDF RSRQERTAPA APAEDAVAAA  
AAPSEPSEP SRPSPQPKPR TP

## General References

Lee MP, et al. (1998) *Cancer Res.* 58(5):1052-6.  
Frank D. et al. (2000) *Mamm Genome.* 10(12):1150-9..

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.