

## Recombinant Human PHLDA2, His-tagged

**Cat. No.** PHLDA2-2400H    **Lot. No.** (See product label)

### SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant human PHLDA2 protein, fused to His-tag at N-terminus was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques, 19.2 kDa (172aa).                                                                                                                                                                                                                                  |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>              | 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. |
| <b>Form</b>                     | Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT.                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                   | > 80% by SDS – PAGE.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>            | 0.5 mg/ml (determined by Bradford assay).                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sequences Of Amino Acids</b> | MGSSHHHHHH SSGLVPRGSH MKSPDEVLRE GELEKRSDSL FQLWKKKRGV<br>LTSDRLSLFP ASPRARPKEL RFHSILKVDC VERTGKYVYF TIVTTDHKEI<br>DFRCAGESCW NAAIALALID FQNRRLQDF RSRQERTAPA APAEDAVAAA<br>AAPSEPSEP SRPSPQPKPR TP.                                                                                                                                                                                                            |

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**Storage**

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**GENE INFORMATION**
**Gene Name**

PHLDA2 pleckstrin homology-like domain, family A, member 2 [ Homo sapiens ]

**Synonyms**

pleckstrin homology-like domain, family A, member 2; IPL; BRW1C; BWR1C; HLDA2; TSSC3; PHLDA2; pleckstrin homology-like domain family A member 2; p17-BWR1C; tumor-suppressing STF cDNA 3; p17-Beckwith-Wiedemann region 1C; p17-Beckwith-Wiedemann region 1 C; tumor-suppressing STF cDNA 3 protein; imprinted in placenta and liver protein; tumor suppressing subtransferable candidate 3; tumor suppressing subchromosomal transferable fragment cDNA 3; beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein; tumor-suppressing subchromosomal transferable fragment candidate gene 3 protein; imprinted in placenta and liver; Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein; Tumor-suppressing subchromosomal transferable fragment candidate gene 3 protein; Imprinted in placenta and liver protein; Tumor-suppressing STF cDNA 3 protein

**Gene ID**

7262

**mRNA Refseq**

NM\_003311

**Protein Refseq**

NP\_003302

**MIM**

602131

**UniProt ID**

Q53GA4

**Chromosome**

11p15.5

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