

Recombinant Human PHLDA2 Protein, His-tagged

Cat. No. PHLDA2-610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHLDA2 fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene is located in a cluster of imprinted genes on chromosome 11p15.5, which is considered to be an important tumor suppressor gene region. Alterations in this region may be associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene has been shown to be imprinted, with preferential expression from the maternal allele in placenta and liver.
Form	Lyophilized from a 0.2 M filtered solution of 20mM Tris, 0.1M NaCl, 1mM DTT, pH 8.0
Molecular Mass	18.1kD
AA Sequence	MKSPDEVLREGELEKRSLSLFLWKKKRGVLTSDRLSLFPASPRARPKELRFHSILK VDCVERTGKYVYFTIVTTDHKEIDFRCAGESCWNAALALIDFQNRRLQDFRSRQ ERTAPAAPAEDAVAAAAAAPSEPSEPSRPSPQPKPRTPLEHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [PHLDA2 pleckstrin homology-like domain, family A, member 2 \[Homo sapiens \]](#)

Official Symbol [PHLDA2](#)

Synonyms PHLDA2; pleckstrin homology-like domain, family A, member 2; TSSC3, tumor suppressing subtransferable candidate 3; pleckstrin homology-like domain family A member 2; BWR1C; HLDA2; IPL; 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; BRW1C; TSSC3;

Gene ID [7262](#)

mRNA Refseq [NM_003311](#)

Protein Refseq [NP_003302](#)

MIM [602131](#)

UniProt ID [Q53GA4](#)

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