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32-4453: Recombinant Human Pleckstrin Homology-Like Domain Family A Member 2

Alternative Name :	Pleckstrin homology-like domain family A member 2,Imprinted in placenta and liver protein,Tumor-suppressing subchromosomal transferable fragment candidate gene 3 protein,Tumor-suppressing STF cDNA 3 protein,Beckwith-Wiedemann syndrome chromosomal

Description

Source : Escherichia Coli. PHLDA2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 172 amino acids (1-152 a.a.) and having a molecular mass of 19.2 kDa. PHLDA2 is fused to 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. Pleckstrin homology-like domain family A member 2 (PHLDA2) is a cytoplasmic protein, which is involved in fetal and placental growth. PHLDA2 is an apoptosis-related protein, which acts as a negative growth regulator and is expressed during normal human development. PHLDA2 is imprinted on placenta, liver and fetal tissues during embryogenesis and is removed once development is complete. The PHLDA2 gene is one of a number of genes in the imprinted gene domain of 11p15.5 which is considered to be an important tumor suppressor gene region. Changes in this region may be linked to the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. PHLDA2 is expressed in placenta (present in all cells of the villous cytotrophoblast) and adult prostate gland. Furthermore, PHLDA2 is expressed in adult brain and neuroblastoma, medullablastoma and glioblastoma cell lines and at low levels in adult liver and lung, and fetal liver.

Product Info

Amount :	10 µg
Purification :	Greater than 80% as determined by SDS-PAGE.
Content :	PHLDA2 solution containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT.
Storage condition :	PHLDA2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MKSPDEVLRE GELEKRSDSL FQLWKKKRGV LTSDRLSLFP ASPRARPKEL RFHSILKVDC VERTGKYVYF TIVTTDHKEI DFRCAGESCW NAAIALALID FQNRRALQDF RSRQERTAPA APAEDAVAAA AAAPSEPSEP SRPSPQPKPR TP.

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