

PHLDA2 Protein, Human, Recombinant (His)

General Information

Synonyms:	Beckwith-Wiedemann Syndrome Chromosomal Region 1 Candidate Gene C Protein;Tumor-Suppressing STF cDNA 3 Protein;Tumor-Suppressing Subchromosomal Transferable Frag; Imprinted in Placenta and Liver Protein;Pleckstrin Homology-Like Domain Family A Member 2
Protein Construction:	Met1-Pro152
Species:	Human
Expression Host:	E. coli
Accession:	Q53GA4
Molecular Weight:	14-25 KDa (reducing condition)
AA Sequence:	Met1-Pro152

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 90% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM Tris-HCl, 100 mM NaCl, 1 mM DTT, pH 8.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Pleckstrin Homology-Like Domain Family A Member 2 (PHLDA2) is a peripheral membrane protein that belongs to the PHLDA2 family. PHLDA2 is expressed in the placenta and adult prostate gland. In the placenta, it is present in all cells of the villous cytotrophoblast. PHLDA2 plays a role in regulating placenta growth. PHLDA2 may act via its

A DRUG SCREENING EXPERT

PH domain that competes with other PH domain-containing proteins, thereby preventing their binding to membrane lipids.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481