

Recombinant Human PHLDA2/BWR1C Protein (His Tag)



Catalog Number:PKSH032887

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms

Pleckstrin Homology-Like Domain Family A Member 2;Beckwith-Wiedemann Syndrome Chromosomal Region 1 Candidate Gene C Protein;Imprinted in Placenta and Liver Protein;Tumor-Suppressing STF cDNA 3 Protein;Tumor-Suppressing Subchromosomal Transferable Fragment Candidate Gene 3 Protein;p17-Beckwith-Wiedemann Region 1 C;p17-BWR1C;PHLDA2;BWR1C;HLDA2;IPL;TSSC3

Species

Human

Expression Host

E.coli

Sequence

Met 1-Pro152

Accession

Q53GA4

Calculated Molecular Weight

18.1 kDa

Observed molecular weight

14-25 kDa

Tag

C-His

Properties

Purity

> 90 % as determined by reducing SDS-PAGE.

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method.

Storage

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping

This product is provided as lyophilized powder which is shipped with ice packs.

Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0.

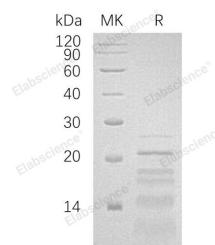
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Please refer to the specific buffer information in

Reconstitution

Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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 PH domain that

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

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