

## 32-8161: Recombinant Human PH-Like Domain A2/PHLDA2/BWR1C/IPL/TSSC3 (C-6His)

**Gene :** PHLDA2  
**Gene ID :** 7262  
**Uniprot ID :** Q53GA4

### Description

Source: E. coli.  
MW :18.1kD.

Recombinant Human PHLDA2 is produced by our E.coli expression system and the target gene encoding Met1-Pro152 is expressed with a 6His tag at the C-terminus. 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 competes with other PH domain-containing proteins, thereby preventing their binding to membrane lipids.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 0.1M NaCl, 1mM DTT, pH 8.0.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MKSPDEVLREGLEKRSLSLFLWKKKRGVLTSDRLSLFPASPRARPKELRFHSILKVDVERTGKYVYFTIVTT  
DHKEIDFRCAGESCWNAALALALIDFQNRRLQDFRSRQERTAPAAPAEAVAAAAAAPPSEPSRSPQPKP  
RTPLEHHHHHH

### Application Note

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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.