

**AR51388PU-N****Human PLEKHF2 (1-249, His-tag) - Purified****Alternate names:**

PH domain-containing family F member 2, Phafin 2, Phafin-2, Pleckstrin homology domain-containing family F member 2, ZFYVE18, Zinc finger FYVE domain-containing protein 18

**Quantity:**

0.5 mg

**Concentration:**

0.25 mg/ml (determined by Bradford assay)

**Background:**

PLEKHF2 contains 1 FYVE-type zinc finger and 1 PH domain.

**Uniprot ID:**

[Q9H8W4](#)

**NCBI:**

[NP\\_078889](#)

**GeneID:**

[79666](#)

**Species:**

Human

**Source:**

E. coli

**Format:**

**State:** Liquid purified protein

**Purity:** >95% by SDS - PAGE

**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**Description:**

Recombinant human PLEKHF2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSMDRLAN SEANTRRISI VENCFGAAGQ PLTIPGRVLI  
GEGVLTKLCR KPKARQFFL FNDILVYGNL VIQKKKYNKQ HIIPLENTI DSIKDEGDLR  
NGWLIKTPK SFAVYAATAT EKSEWMNHIN KCVTDLLSKS GKTPSNEHAA VWVPDSEATV  
CMRCQKAKFT PVNRRHHCRK CGFVVCGPCS EKRFLFPSQS SKPVRICDFC YDLLSAGDMA  
TCQPARSDSY SSQLKSPLND MSDDDDDDDS SD

**Molecular weight:** 30.2 kDa (272aa), confirmed by MALDI-TOF

**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**General Readings:**

Hendrickson, S.L., et al. (2010) PLoS ONE 5 (9), E12862

Battaile, K.P., et al. (2004) J. Biol. Chem. 279 (16), 16526-16534

Pictures:

