

# Recombinant human PLEKHF2 protein

Catalog Number: ATGP2568

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-249aa

### UniProt No.

Q9H8W4

### NCBI Accession No.

NP\_078889

### Alternative Names

pleckstrin homology domain-containing family F member, EAPF, PHAFIN2, ZFYVE18

## PRODUCT SPECIFICATION

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### Molecular Weight

30.2 kDa (272aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

PLEKHF2 contains 1 FYVE-type zinc finger and 1 PH domain. Recombinant human PLEKHF2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMVDRLAN SEANTRRISI VENCFGAAGQ PLTIPGRVLI GEGVLTKLCR KKPQARQFFL  
FNDILVYGNL VIQKKKYNKQ HIIPLENTI DSIKDEGDLR NGWLIKTPTK SFAVYAATAT EKSEWMNHIN KCVTDLLSKS  
GKTPSNEHAA VWVPDSEATV CMRCQKAKFT PVNRRHHCRK CGFVVCGPCS EKRFLPSQS SKPVRICDFC YDLLSAGDMA

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TCQPARSDSY SSQLKSPLND MSDDDDDDDDSD SD

## General References

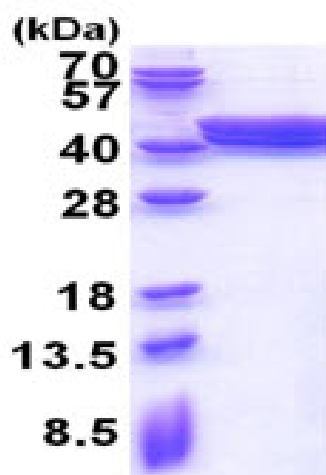
Hendrickson, S.L., et al. (2010) PLoS ONE 5 (9), E12862

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

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)