

AR50614PU-S

Human PHF11 (1-331, His-tag) - Purified

Alternate names:

APY, BCAP, BRCA1 C-terminus-associated protein, IGEL, IGER, IGHF, NY-REN-34, PHD finger protein 11, Renal carcinoma antigen NY-REN-34

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

PHD finger protein 11, also known as PHF11, is a regulator of TH1-type cytokine gene expression. The reduction in PHF11 expression seen with an AD-associated genotype could contribute to the strong TH2 responses that characterize many allergic individuals. PHF11 are associated with increased total serum IgE levels, asthma, and severe atopic dermatitis (AD) in children. Although PHF11 includes a plant homeodomain, a motif often found in transcriptional regulators, the function of PHF11 has not been investigated.

Uniprot ID:

[Q9UIL8](#)

NCBI:

[NP_001035533](#)

GenelD:

[51131](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Description:

Recombinant human PHF11 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MAQASPPRPE RVLGASSPEA RPAQEALLLP TGVFQVAEKM
EKRTCALCPK DVEYNVLYFA QSENIAAHEN CLLYSSGLVE CEDQDPLNPD RSFDVESVKK
EIQRGRKLKC KFCHKRGATV GCDLKNCNKN YHFFCAKKDD AVPQSDGVRG IYKLLCQQHA
QFPIIAQSAK FSGVKRKRGR KKPLSGNHVQ PPETMKCNTF IRQVKEEHGR HTDATVKVPF
LKKCKEAGLL NYLLEEILDK VHSIPEKLMD ETTSES DYEE IGSALFDCRL FEDTFVNFQA
AIEKKIHASQ QRWQLKEEI ELLQDLKQTL CSFQENRDLM SSSTSISSLS Y

Molecular weight: 39.7 kDa (351aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

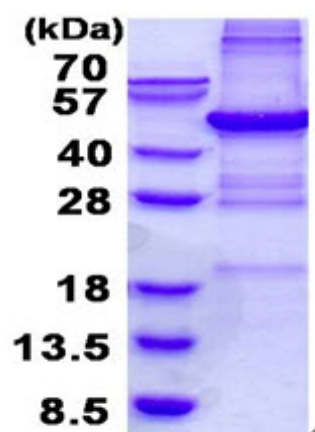
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Clarke E., et al. (2008) J. Allergy Clin. Immunol. 121:1148-1154 Scanlan M.J., et al. (1999) Int. J. Cancer. 83:456-464

Pictures:



15% SDS-PAGE (3ug)