

Product information



PHF11, 1-331aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1790

Full name: PHD finger protein 11

NCBI Accession No.: NP_001035533

Synonyms: APY, BCAP, IGEL, IGER, IGER, NY-REN-34, NYREN34, RP11-185C18.3

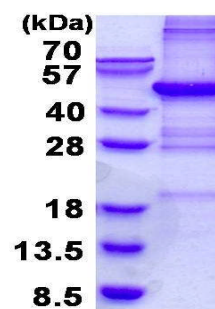
Description: PHD finger protein 11, also known as PHF11, is a regulator of T_H1-type cytokine gene expression. The reduction in *PHF11* expression seen with an AD-associated genotype could contribute to the strong T_H2 responses that characterize many allergic individuals. PHF11 are associated with increased 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. Recombinant human PHF11 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight: 39.7 kDa (351aa)

Purity: > 85% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MAQASPPRPE RVLGASSPEA RPAQEALLLP TGVFQVAEKM EKRTCALCPK DVEYNVLYFA QSENIAAHEN
CLLYSSGLVE CEDQDPLNPD RSFDVESVKK EIQRGRKLC KFCCHKRGATV GCDLKNCKNKN YHFFCAKKDD AVPQSDGVRG IYKLLCQQHA
QFPIIAQSAK FSGVKRKRGR KKPLSGNHVQ PPETMCKNTF IRQVKEEHGR HTDATVKVPF LKKCKEAGLL NYLLEEILDK VHSIPEKLM
ETTSESDYEE IGSALFDCRL FEDTFVNFQA AIEKKIHASQ QRWQQLKEE I ELLQDLKQTL CSFQENRDLM SSSTSISLSL Y

General references:

Clarke E., *et al.* (2008) *J. Allergy Clin. Immunol.* 121:1148-1154

Scanlan M.J., *et al.* (1999) *Int. J. Cancer.* 83:456-464

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com