

Recombinant Human PHD finger protein 11, His-tagged

Cat. No. PHF11-351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PHF11, 1-331aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-331 a.a.
Description	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. 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 Mass	39.7 kDa (351aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MAQASPPRPE RVLGASSPEA RPAQEALLLP TGVFQVAEKM EKRTCALCPK DVEYNVLYFA QSENIAAHEN CLLYSSGLVE CEDQDPLNPD RSFDVESVKK EIQRGRKLKC KFCHKRGATV GCDLKNCKNKN YHFFCAKKDD AVPQSDGVRG IYKLLCQQHA QFPPIAQSAAK FSGVKRKRGR

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KKPLSGNHVQ PPETMKCNTF IRQVKEEHGR HTDATVKVPF LKKCKEAGLL
 NYLLEEILDK VHSIPEKLMD ETTSES DYEE IGSALFDCRL FEDTFVNFQA
 AIEKKIHASQ QRWQQLKEEI ELLQDLKQTL CSFQENRDLM SSSTSISLS Y

Purity >85% by SDS - PAGE

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

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name PHF11 PHD finger protein 11 [Homo sapiens]

Official Symbol PHF11

Synonyms PHF11; PHD finger protein 11; BCAP; IgE responsiveness (atopic); IGER; NY REN 34; NY-REN-34 antigen; renal carcinoma antigen NY-REN-34; BRCA1 C-terminus-associated protein; APY; IGEL; IGHER; NYREN34; NY-REN-34; RP11-185C18.3;

Gene ID 51131

mRNA Refseq NM_001040443

Protein Refseq NP_001035533

MIM 607796

UniProt ID Q9UIL8

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Chromosome Location	13q14.11
Function	metal ion binding; zinc ion binding;