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## Product Data Sheet

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Product Name: PHF11 Human  
 Cat. No.: GP24179  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PHD finger protein 11; BRCA1 C-terminus-associated protein; Renal carcinoma antigen NY-REN-34; PHF11; BCAP; APY; IGEL; IGER; IGER; NYREN34; NY-REN-34; RP11-185C18.3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAQASPPRPE RVLGASSPEA RPAQEALLLP TGVFQVAEKM EKRTCALCPK DVEYNVLYFA QSENIAAHEN CLLYSSGLVE CEDQDPLNPD RSFDVESVKK EIQRGRKLKC KFCHKRGATV GCDLKNCNKN YHFFCAKKDD AVPQSDGVRG IYKLLCQQA QFPAAQSAK FSGVKRKRGR KKPLSGNHVQ PPETMKCNTF IRQVKEEHGR HTDATVKVPF LKKCKEAGLL NYLLEEILDK VHSIPEKLM D ETTSES DYEE IGSALFDCRL FEDTFVNFQA AIEKKIHASQ QRWQQLKEEI ELLQDLKQTL CSFQENRDLM SSSTSISLS Y.		
Formulation	PHF11 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

### Introduction

PHD finger protein 11 (PHF11) is a regulator of TH1-type cytokine gene expression. The decline in PHF11 expression observed with an AD-associated genotype may promote the intense TH2 reactions which characterize numerous allergic individuals. PHF11 is linked with raised total serum IgE levels, asthma and acute atopic dermatitis (AD) in children. Even though PHF11 includes a plant homeodomain, a motif frequently found in transcriptional regulators, PHF11 function of has yet been examined.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

PHF11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 351 amino acids (1-331 a.a.) and having a molecular mass of 39.7kDa. PHF11 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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