

## Product datasheet for **SC114464**

### PHF11 (NM\_016119) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | PHF11 (NM_016119) Human Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | PHF11  |
| Synonyms:                 | APY; APY, BCAP, IGEL, IGER, IGHHER, NYREN34, NY-REN-34, RP11-185C18.3; BCAP; IGEL; IGER; IgE responsiveness (atopic); IGHHER; NY-REN-34; NY-REN-34 antigen; NYREN34; OTTHUMP00000018414; PHD finger protein 11 |
| Mammalian Cell Selection: | None   |
| Vector:                   | <u>pCMV6-XL5</u>   |
| E. coli Selection:        | Ampicillin (100 ug/mL)   |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_016119, the custom clone sequence may differ by one or more nucleotides  |

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ATGGAAAAAGGACATGTGCACTCTGCCCAAAGATGTGCAATATAATGCCTGTACTTTGCACAATCAG
AGAATATAGCTGCTCATGAGAATTGTTTGCTGTATTCTTCAGGACTTGTGGAATGTGAGGATCAGGATCC
ACTTAATCCTGATAGAAGTTTTGATGTGGAATCAGTAAAGAAAGAAATCCAGAGAGGAAGGAAGTTGAAA
TGCAAATTTTGCATAAAAGAGGAGCCACCGTGGGATGTGATTTAAAAAACTGTAACAAGAATTACCACT
TTTTCTGTGCCAAGAAGGACGACGAGTCCACAGTCTGATGGAGTTCGAGGAATTTATAAACTGCTTTG
CCAGCAACATGCTCAATCCCGATCATCGCTCAAAGTGCTAAATTTTCAGGAGTGAAAAGAAAAGAGGA
AGGAAGAAACCCCTCTCAGGCAATCATGTACAGCCACCCGAAACAATGAAATGTAATACATTCATAAGAC
AAGTGAAAGAAGAGCATGGCAGACACAGATGCAACTGTGAAAGTTCCTTTTCTTAAGAAATGCAAGGG
AAGCAGGACTTCTTAA
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|                                     |  |
|-------------------------------------|--|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_016119 unedited</p> <pre> TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCTATCCGGCCG CCACCCGCAGCTGCAGCACAGTCATGGCCAGGCGTCGCCGCCCGGCCGAGAGGGTGC TCGGCGCCAGCAGCCGGAGGCCCGCCCGCAGGAGGCGCTCCTCCTCCACCGGTG TCTTTTCAGGTTGCAGAAAAGATGGAAAAAGGACATGTGCACTCTGCCCAAAGATGTCG AATATAATGTCTGTACTTTGCACAATCAGAGAATATAGCTGCTCATGAGAATTGTTTGC TGTATTCTTCAGGACTTGTGGAATGTGAGGATCAGGATCCACTTAATCCTGATAGAAGTT TTGATGTGGAATCAGTAAAGAAAAGAAATCCAGAGAGGAAGGAAGTTGAAATGCAAATTTT GTCATAAAAGAGGAGCCACCGTGGGATGTGATTTAAAAAACTGTAACAAGAATTACCACT TTTTCTGTGCCAAGAAGGACGACGCAGTCCACAGTCTGATGGAGTTCGAGGAATTTATA TTTCAGACTGCTTTGCCAGCAACATGCTCAATCCCGATCATCGCTCAAAGTGGTAAAGTT TCTAAAATTTAGCACTGTGGTTTTAAAGAAAAGTAAACATTTGTGAACATAAGGAATA GTCTAATTTTCTAGCCTCGTTGAATTAATAACAATGTTTGAGTTAAAATTTTACACAT CTAGAAAATTGACAACTTCTTTGTACTATGTGATATGACTGACTAATTTTTTCTTCTT TATGAACAAGACCTATTCTCNTGAACCATTNCCTGGTATCTNTCATTCTNCCTACGCTC ACAGAACCAACTAAGACATGGGAAAAGCCTTGACTTTTGGGAC </pre>              |
| <b>3' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 3' read for NM_016119 unedited</p> <pre> ATGGCCCGCGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAGTATAATCCAAAT TTATTATATCTAAGAGGCTATCATGGGCTGTAAGTAGAATCAAAGGTTAAGAACATTTTA TGCACTTATTCACAAACATTTACTGAGCATACTAGGTGCTGGGAGTGTGACAGTGAGCA AAAAACACAAGAGTGTGCAAAGAGTGATCAAAATGTCAACCAGTAAGAACAGGGAAGAGC TGCTGAGGCCAAGAGGAGACGACTAGTTCTAAAGATGTGTGGATTTACAGCCTGGTCTC TGGTTTTGAGCCTGATTGCAATTTGACATGACTTTGGCTTAGGAAATGGTAATCCCTAA TAAGACAGGGATGATATTGATGTAGAAGTTCACATAAGATCTCTATTTTCTTGAAAAGAG CACAAGGTTTGTTTAAGTCCTGAAGTAGCTCAATCTCTTCCCTCAACTGCTGCCACCTT TGTTGAGATGCATGAATTTTTTCTCTATTGCTGCTTGAAAATTTACAAATGTGTCTTCG AACAACTACAGTCAAAAAGTGCCTCCCGATTCTTCATAGTCTGATTCTGAAGTAGTC TCATCCATGAGTTTTTCTGGAATTGAATGAACTTTGTCTAATATTTCTTCAAGTAAGTAA TTAAGAAGTCTGCTTCTTGCATTTCTTAAGAAAAGGAACTTCACAGTTGCATCTGTG TGCTGCCATGCTTCTTTCACTTGCTTATGAATGTATTACATTTTATTGTTTCCGGT GGCTGTACATGATTGCCTGAGAAGGGTTTCTTCCCTTCTTTTTTCTTCTACTCCTGAAA ATTAGCTAAAATATAACATTTAAAATGNNATNCTAAAGGAAAGATACTGGTTGA </pre> |
| <b>Restriction Sites:</b>           | NotI-NotI  |
| <b>ACCN:</b>                        | NM_016119  |
| <b>Insert Size:</b>                 | 2500 bp  |
| <b>OTI Disclaimer:</b>              | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).   |
| <b>Components:</b>                  | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).   |

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_016119.1](#), [NP\\_057203.1](#)

**RefSeq Size:** 1323 bp

**RefSeq ORF:** 1323 bp

**Locus ID:** 51131

**Cytogenetics:** 13q14.2

**Domains:** PHD

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** This gene encodes a protein containing a PHD (plant homeodomain) type zinc finger. This gene has been identified in some studies as a candidate gene for asthma. Naturally-occurring readthrough transcription may occur from the upstream SETDB2 (SET domain bifurcated 2) gene to this locus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]