

## Product datasheet for SC310740

### PHF11 (NM\_001040444) Human Untagged Clone

#### Product data:

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                        |
| Product Name:             | PHF11 (NM_001040444) Human Untagged Clone                                                  |
| Tag:                      | Tag Free                                                                                   |
| Symbol:                   | PHF11                                                                                      |
| Synonyms:                 | APY; BCAP; IGEL; IGER; IGHER; NY-REN-34; NYREN34                                           |
| Mammalian Cell Selection: | Neomycin                                                                                   |
| Vector:                   | pCMV6-Entry (PS100001)                                                                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                                       |
| Fully Sequenced ORF:      | >SC310740 representing NM_001040444.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

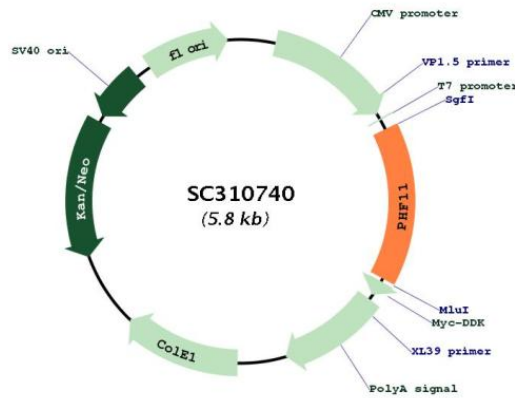
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGGACATGTGCACTCTGCCCAAAGATGTGAATATAATGTCCTATACTTTGCACAATCA
GAGAATATAGCTGCTCATGAGAATTGTTTGTGCTGATTCTTCAGGACTTGTGGAATGTGAGGATCAGGAT
CCACTTAATCCTGATAGAAGTTTGTGATGTGGAATCAGTAAAGAAAGAAATCCAGAGAGGAAGGAAGTTG
AAATGCAAATTTTGTCAAAAAGAGGAGCCACCGTGGGATGTGATTTAAAAAAGTAAACAAGAATTAC
CACTTTTTCTGTGCCAAGAAGGACGACGAGTCCACAGTCTGATGGAGTTCGAGGAATTTATAAAGT
CTTTGCCAGCAACATGCTCAATCCCGATCATCGCTCAAAGTGTAAATTTTCAGGAGTAAAAGAAAA
AGAGGAAGGAAGAAACCCCTCTCAGGCAATCATGTACAGCCACCCGAAACAATGAAATGTAATACATTC
ATAAGACAAGTGAAGAAGAGCATGGCAGACACACAGATGCAACTGTGAAAGTTCCTTTCTTAAGAAA
TGCAAGGAAGCAGGACTTCTAATTACTTACTTGAAGAAATATTAGACAAAGTTCATTCAATTCAGAA
AAACTCATGGATGAGACTACTTCAGAAATCAGACTATGAAGAAATCGGGAGTGCACTTTTTACTGTAGA
TTGTTTGAAGACACATTTGTAATTTTCAAGCAGCAATAGAGAAAAAATTCATGCATCTCAACAAAGG
TGGCAGCAGTTGAAGGAAGAGATTGAGCTACTTCAGGACTTAAACAACCTTGTGCTCTTTCAAGAA
AATAGAGATCTTATGTCAAGTTCTACATCAATATCATCCCTGTCTATTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM\_001040444

Insert Size: 879 bp

**OTI Disclaimer:** 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**Components:** 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\\_001040444.2](#)

RefSeq Size: 1402 bp

RefSeq ORF: 879 bp

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Locus ID:</b>         | 51131                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID:</b>       | <a href="#">Q9UIL8</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 13q14.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Families:</b> | Druggable Genome, Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW:</b>               | 33.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Summary:</b>     | <p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus than isoform 1.</p> |