

Product datasheet for **SC327884**

PHF10 (NM_133325) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF10 (NM_133325) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF10
Synonyms:	BAF45A; XAP135
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_133325, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGGCGCCGGGCCCGGGGCTGCGCTGTCCCGCGGCCGTGCGACAGCGACCCA
GCCACCCCGGAGCGCAGTCCCGAAGGATGATAATGAAGATAATTCAAATGATGGGACC
CAGCCATCCAAAAGGAGGCGAATGGGCTCAGGAGATAGTTCTAGGAGTTGTGAACTTCA
AGTCAAGATCTTGGTTTTAGTTACTATCCAGCAGAAACTTGATAGAGTACAAATGGCCA
CCTGATGAAACAGGAGAACTACTATATGCTTCAAGAACAAGTCAGTGAATATTTGGGTGTG
ACCTCCTTTAAAAGGAAATATCCAGAGCGACGAGATTTGTCTCACAAGGAGAACTCTAC
CTGAGAGAGCTAAATGTCATTACTGAACTCAGTGCCTCTAGGCTTAACAGCATTGCGC
AGTGATGAAGTATTGATTTAATGATAAAAGAATATCCAGCCAAACATGCTGAGTATTCT
GTTATTCTACAAGAAAAAGAACGTCACGAATTACAGACCATTATAAAGAGTATTCCCAA
ATGCAACAACAGAATACTCAGAAAGTTGAAGCCAGTAAAGTGCCTGAGTATATTAAGAAA
GCTGCCAAAAAAGCAGCAGAATTAATAGCAACTTAAACCGGGAACGCATGGAAGAAAGA
AGAGCTTATTTTACTTGCAGACACATGTTATCCAGGTACCTCAAGGGAAGTACAAAGTT
TTGCCAACAGAGCGAACAAGGTCAGTTCTTACCCAGTGGCTCTCATCCCCGGACAGTTC
CAGGAATATTATAAGAGTACTCACCAGATGAGCTGCGGTATCTGCCATTAACACAGCC
CTGTATGAGCCCCCTCTGGATCCTGAGCTCCCTGCTCTAGACAGTGTGGTGATTCAGAT
GATGGCGAAGATGGTCGAGGTGATGAGAAACGGAAAAATAAAGGCACTTCGGACAGCTCC
TCTGGCAATGTATCTGAAGGGGAAAGCCCTCTGACAGCCAGGAGACTTTTCCAGGGA
AGACAGAAATCAAAGACAAAGCTGCCACTCCAAGAAAAGATGGTCCCAAACGTTCTGTA
CTGTCCAAGTCAGTTCCTGGGTACAAGCCAAAGGTCATTCCAAATGCTATATGTGGAATT
TGTCTGAAGGGTAAGGAGTCCAACAAGAAAGGAAAGGCTGAATCACTTATACACTGCTCC
CAATGTGAGAATAGTGGCCATCCTTCTTGCCTGGATATGACAATGGAGCTTGTCTATG
ATTAAGACCTACCCATGGCAGTGTATGGAATGTAAAACATGCATTATATGTGGACAACCC
CACCATGAAGAAGAAATGATGTTCTGTGATATGTGTGACAGAGGTTATCATACTTTTTGT
GTGGCCCTTGGTCTATCCATCAGGTCGCTGGATTTGTGACTGTTGTCAGCGGGCCCCC
CCAACACCCAGGAAAGTGGGCAGAAGGGGAAAAACAGCAAGAGGGA

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Restriction Sites:	Please inquire
ACCN:	NM_133325
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:	<ol style="list-style-type: none">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:	<u>NM_133325.2</u> , <u>NP_579866.2</u>
RefSeq Size:	1686 bp
RefSeq ORF:	1491 bp
Locus ID:	55274
UniProt ID:	<u>Q8WUB8</u>
Cytogenetics:	6q27
Domains:	PHD
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Gene Summary:	<p>This gene contains a predicted ORF that encodes a protein with two zinc finger domains. The function of the encoded protein is not known. Sequence analysis suggests that multiple alternatively spliced transcript variants are derived from this gene but the full-length nature of only two of them is known. These two splice variants encode different isoforms. A pseudogene for this gene is located on Xq28. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) uses an alternate splice junction which results in 6 fewer nt when compared to variant 1. It encodes an isoform (b) that lacks 2 internal amino acids compared to isoform a.</p>