

Product datasheet for **SC310160**

PHF12 (NM_020889) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF12 (NM_020889) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF12
Synonyms:	PF1
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF:	>NCBI ORF sequence for NM_020889, the custom clone sequence may differ by one or more nucleotides <pre> ATGTGGGAGAAAAATGGAGACCAAGACGATCGTGTACGACTTGGACACATCAGGGGGGCTG ATGGAGCAAAATCCAAGCTCTGCTGGCTCCCCCAAGACGAGCAGGCAGAAAAGCGCAGT CGGAAGCCTGAGAAGGAGCCCCGGAAGCGGCAGGGCCACCAACCACGACAGCTGCGAT AGCTGCAAGGAAGGTGGAGATCTCCTGTGCTGCGACCACTGCCGGCTGCCTTCCACCTC CAGTGCTGTAACCCTCCACTGAGTGAAGAAATGTTGCCTCCTGGAGAGTGGATGTGTAC CGGTGCACCTGTTGCGCCGAAAGAACGAGAGCAGAAAAAGGAGCTGGGTCAATGTCAATGGA CTGGTGGACAAATCTGGCAAACGGAATACATCCCCAGCAGTGACACTGACTTGTGGAC AGATCGGCCAGCAAACTGAATAAGGCCATTGCCATGCCCGATCCTGAAAGGAGA GCCAGCAGGCCTGGCACACCCACATCCAGCGCCAGCAGAGACTCCACCTCTGAGCAG AATGATGTCGACGAAGACATATTGACGTGGATGAGGAACCAAGTAGCAGCGGAGCCAGAC TATGTGCAGCCCCAGCTGAGGCGGCCCTTTGAGCTGCTGATTGCTGCCCCATGGAGCGG AACCCACCCAATTTAGTTGCCAATGAATGACTTGTACCACTGCACTACCAGTTCT AGCAAGAGGAGAAAGGAGGAAACCACAGGGAATAATGTTAAGAACACAGCATGAA TTAGATACAATGGTCTCGTTCCCTTACCGTCAAAGTCTGCTTACGTGTAAACAGGAGT TGCCGTGTGGCTCCTCTCATCCAGTGTGACTATTGCCCTCTCCTGTTTCATGGATTGC CTCGAGCCGCGCTCACTGCCATGCCCTGGGCAGATGGATGTGTCCGAATCACATCGAA CATGTGGTGTGAACCAGAAGAATATGACACTGAGCAATCGGTGCCAGGTGTTTGATCGT TTCCAGGACACCGTTTCGAGCATGTGCTCAAAGTGGACTTCTGAACCGAATCCACAAG AAGCACCCCTAACCAGCGTGTGCTCCAGTCCGTCAAAGAAGAAGCTTGAAGTTCT GATGCTATAAAATCTCAGTACCAGTTTCCACCCCTCTCATTGCACCCGCGGCCATTGCG GACGGGGAGCTGATCTGCAATGGGATCCCTGAGGAATCACAGATGCACCTTTTGAATCT GAGCACTTAGCCACCCAAGCAGAGCAGCAAGAGTGGCTCTGTAGTGTGTTGCGCTCCAG TGCAGCATATTGAAACATTTATCTGCTAAGCAGATGCCTTCGCATTGGGACTCTGAACAG ACAGAGAAGGCTGATATTAAGCCTGTTATTGTGACTGACAGCTCAGTACCACCTCCCTG CAAACAGCTGACAAGACACCTACACCTTCCCACTACCCCTTGCTGCCCCTCAGGGATT AGCACCCAGAATCCCTGAGCTGCTCTCCACCCACCAGTCCCAGCCCTAGAGGACATC GGCTGCAGTTCTGTGCGGAAAAATCCAAGAAAACCCCTTGTGGGACTGCCAATGGGCCA GTGAACACAGAGGTGAAAGCTAATGGCCCACACCTCTACAGCAGCCCTACTGATTCCACG GACCCCGGCGACTTCCAGGCGCTAACACCCCACTACCAGGCCTCTCACACCGGCAAGGC TGGCCCCGGCCCCCTACGCCACCAGCGGTGGGGGCTTCAGAACACACCGTCGGCATC ATTGTGAAGACAGAGAATGCCACTGGCCCCAGCTCTTGCCCCAGAGGATTTGGTTCT GTCCCAAGCCTGCCCCCTTCCATTCCCAGCTCTTGTGCCAGCATCGAAGAACACGACACT TTGCAAGAAAGACTGTCCAATCACAGATAGGACCTCCGTTGACAGATTCAAGGCCACTG GGCTCACCCCAACGCCACCGGGTGTCACTCCCCGCAAGCAGCAGGAGATGGTATC TTGGCCACAACAGCCAACCAAGATTGAGCTACCAGCGCCATCGTCAGGTGAGTGCTGC TCAGCCTTGGGTTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_020889
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:	<u>NM_020889.2, NP_065940.1</u>
RefSeq Size:	2957 bp
RefSeq ORF:	2115 bp
Locus ID:	57649
UniProt ID:	<u>Q96QT6</u>
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Acts as a transcriptional repressor. Involved in recruitment of functional SIN3A complexes to DNA. Represses transcription at least in part through the activity of an associated histone deacetylase (HDAC). May also repress transcription in a SIN3A-independent manner through recruitment of functional TLE5 complexes to DNA.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.