

Product datasheet for **SC122955**

PHF23 (NM_024297) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF23 (NM_024297) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF23
Synonyms:	hJUNE-1b
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024297 edited
 CCGCACGAGGGTGGTAGAGGGAGGTGGCGGCAGCGGCTAGCGGACTCGAGTCTCAACCGG
 GCTGAGGCGGACACTTCTGTGGAGCGAAGCAGTGGGAGCATCGAGCACTAGAGGCGGCAC
 CGGGATCCCCGGCTCCGGGGAGGGGGCGCCGGACCGGGAGGAGGGGAGGGGGCGATGCT
 GGAAGCCATGGCGGAGCCAGTCCCGAAGATCCACCTCCGACCCTTAAGCCAGAGACTCA
 GCCACCAGAGAAACGGCGGAGAAACAATTGAGGATTTCAACAAATTCTGCAGTTTTGTTTT
 GGCATATGCTGGTTACATTCCCCTAGCAAAGAGGAAAGTGACTGGCCAGCCTCTGGCTC
 CAGCTCTCCATTGCGAGGAGAGAGTGGCGCCGACAGTGATGGCTGGGACTCGGCCCCCTC
 AGATCTTGAACCATCCAGACTTTTGTAAAGAAAGCAAAGTCATCCAAGAGAAGGCGAGC
 TCAAGCAGGTCCCACCCAGCCAGGACCCCAAGGTCCACTTTCTCTCGTCTGCAGGCCCC
 CGACAGTGTACCTTGTGAGAAGATGAAGCTCAAGGACTCTCTTTGATCTGGATGG
 GCCCAAAGTGGCATCTCCTTTGCCCCACATCCCTGACACATACCTCCCGGCCCTCTGC
 TGCTCTTACCCCGTGCCCTTTCCAGGGGACCTCTCCCATCTCTCGAAAGAAGGA
 CCGAAAGAACCGAAAGTTGGGGCCAGGAGCTGGGGCTGGCTTTGGGGTGTTCGGAGGCC
 TCGGCCAACTCCTGGGGATGGGAAAAGAGATCTCGAATCAAGAAGAGCAAGAAGCGGAA
 GTTAAAAAAGGCAGAACGGGGGATAGACTCCACCTCCTGGGCCTCCCAAGGCACCCCC
 CAGTGATACAGACTCTGAAGAGGAGGAGGAAGAGGAGGAAGAGGAAGAAGAAGAGAT
 GGCAACAGTGGTAGGGGTGAAGCCCAGTCCCTGTGCTGCCAACCCCTGAGGCTCC
 TAGGCCCCCTGCCACAGTGCACCCTGAAGGAGTCCCTCCTGCTGACAGTGAAGCAAGGA
 GGTGGGCAGCACTGAAACAAGCCAAGATGGAGATGCCAGTCCAGTGAAGGCGAGATGCG
 GGTGATGGACGAGGACATCATGGTAGAATCAGGTGATGACTCATGGGATCTGATCACATG
 TTAAGTGTGAAAGCCCTTTGAGGGCGGCCATGATTGAGTGCAGCCTGTGTGGGACGTG
 GATCCACTCTCCTGTGCTAAGATTAAGAAGACCAACGTCCTCCGACTTCTTTATTGCCA
 GAAATGCAAGGAAGTGAAGCCAGAGGCCCGCGGTTAGGGGGCCCTCCCAATCTGGAGA
 GCCCTGATGGACCAACTTTAGCCTGGAACCTCCAAATGACAACATGATTTGGAACTGA
 GCCTCAGGGTCTCAGCCTATCCCTGGAGCTTGATACTGTCTGCACTTCAAGGCAAGGA
 ATTCTCAAGGAGACTTGTGAAATGAGTGTCTCACTTTCCACCCTATCCTTCTCTCC
 CCACTCTGTGGACTTGAATTAATCCATTACGGTTGGGGATGGGAGGCTGTCTGTGTCC
 CGACACATAATCTCTGTCTTTGGACCTGCCACCATCACTTTCTGGGTGAGGATTGGAAT
 TGGGATGGAATGGGACAGTTGTCTATAAACTCTAGTGTAAATATTAGCACTCCCTCCC
 TCAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_024297 unedited
 AAAACGTCAACATTTGTAACGACTCATATAGGCGGCACGCAATTGCGACGAGGCGGCA
 CGAGGGTGGTAGAGGGAGGTGGCGGCAGCGGCTAGCGGACTCGAGTCTCAACCGGGCTGA
 GGCGGACACTTCTGTGGAGCGAAGCAGTGGGAGCATCGAGCACTAGAGGCGGCACCGGGA
 TCCCCGGCTCCGGGGAGGGGGCGCCGGACCGGGAGGAGGGGAGGGGGCGATGCTGGAAG
 CCATGGCGGAGCCAGTCCCGAAGATCCACCTCCGACCCTTAAGCCAGAGACTCAGCCAC
 CAGAGAAAACGGCGGAGAAACAATTGAGGATTTCAACAAATTCTGCAGTTTTGTTTTGGCAT
 ATGCTGGTTACATTCCCCTAGCAAAGAGGAAAGTGACTGGCCAGCCTCTGGCTCCAGCT
 CTCCATTGCGAGGAGAGAGTGGCGCCGACAGTGATGGCTGGGACTCGGCCCCCTCAGATC
 TTCGAACCATCCAGACTTTTGTAAAGAAAGCAAAGTCATCCAAGAGAAGGCGAGCTCAAG
 CAGGTCCCACCCAGGACCCCAAGGTCCACTTTCTCTCGTCTGCAGGCCCCCGACA
 GTGCTACCTTGTGAGAAGATGAAGCTCAAGGACTCTCTTTGATCTGGATGGGCCCCA
 AAGTGGCAGCTCCTTTGCCCCACATCCCTGACACATACCTCCCGGCCCTGTGCTCTC
 TTACCCCGTGCCCTTTCCAGGGGACCTCTCCCATCTCTCGAAAGAGGACCGAAA
 GAACCGAAGTTGGGGCCAGGACTGGGGTGGCTTTGGGGTGTTCGGAAGCCTCGGCCAA
 CTCTGGGGATGGGAAAAGAGATCTCGAATCAA

Restriction Sites: Please inquire
ACCN: NM_024297

Insert Size:	1777 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).
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:	NM_024297.1 , NP_077273.1
RefSeq Size:	2005 bp
RefSeq ORF:	798 bp
Locus ID:	79142
UniProt ID:	Q9BUL5
Cytogenetics:	17p13.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>Acts as a negative regulator of autophagy, through promoting ubiquitination and degradation of LRSAM1, an E3 ubiquitin ligase that promotes autophagy in response to starvation or infecting bacteria.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>