

Product datasheet for SC335864

PHF23 (NM_001284518) Human Untagged Clone

Product data:

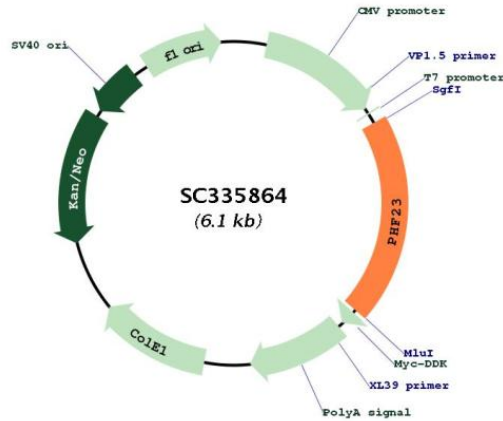
Product Type:	Expression Plasmids
Product Name:	PHF23 (NM_001284518) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF23
Synonyms:	hJUNE-1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335864 representing NM_001284518. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCGGTGATTGTCGGAGAGATCCACCTCCGACCTTAAGCCAGAGACTCAGCCACCAGAGAAACGG
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AGCAAAGAGGAAAGTACTGGCCAGCCTCTGGCTCCAGCTCTCCATTGCGAGGAGAGAGTGGCGCCGAC
AGTGATGGCTGGGACTCGGCCCTCAGATCTTGAACCATCCAGACTTTTGTAAAGAAAGCAAAGTCA
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GGGCCAGGAGCTGGGCTGGCTTTGGGGTCTCGGAGGCTCGGCCAATCCTGGGGATGGGAAAAG
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GCTCCTAGGCCCTGCCACAGTGCACCCTGAAGGAGTCCCTCCTGCTGACAGTGAAGCAAGGAGGTG
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GACATCATGGTAGAATCAGGTGATGACTCATGGGATCTGATCACATGTTACTGTGCAAGGCCCTTTGCA
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ACCAACGTCCCGACTTCTTTATTGCCAGAAATGCAAGGAAGTGAAGCCAGAGGCCCGCGGTTAGGG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001284518

Insert Size: 1200 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:

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_001284518.1](#)

RefSeq Size: 1938 bp

RefSeq ORF: 1200 bp

Locus ID: 79142

UniProt ID: [Q9BUL5](#)

Cytogenetics: 17p13.1

Protein Families: Druggable Genome, Transcription Factors

MW: 43.4 kDa

Gene Summary:

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]

Transcript Variant: This variant (3) uses an alternate 5' exon and uses an alternate start codon compared to variant 1. It encodes isoform 3 which has a shorter and distinct N-terminus compared to isoform 1.