

## Product datasheet for MC211865

### Phf23 (NM\_030064) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Phf23 (NM\_030064) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Phf23  
 Synonyms: JUNE-1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC211865 representing NM\_030064  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGAAGCCATGGCGGAGCCAGTCCCGAAGATCCGCTCCGACTCTTAACCAGAGACTCAGCCAC  
 CGGAGAAAAGGCGGAGAACCATTGAGGATTTAAACAAATCTGCAGTTTTGTCTTGGCCTATGCTGGTTA  
 CATCCCCCTAGCAAAGAGGAAAGCGATTGGCCAGCCTCTGGCTAGCTCTCCATTGCGAGGTGAGAGT  
 GCAGCAGACAGTATGGCTGGGACTCGGCCCGTCGGACCTTCGAACTATCCAGACTTTTGTAAAGAAAG  
 CAAAGTCATCAAAGAGAAGGGCAGTTCAATCAGGTCTACCCAGCCAGGACCCCCAAGGTCCACTTTTTTC  
 TCGTCTGCAGGCTCCTGACAGTGTACTCTGCTTGAGAAGATGAAGCTCAAGGACTCTCTTTTTGATCTG  
 GATGGGCCCAAAGTGGCATCTCCACTCTCTCCACATCATTGACGCATACTTCCCGGCCCGCTGCTC  
 TCGCCCCAGTGCCGCTGTCCAGGGGACCTCTCCAGCCTCGAAAGAAGGACCGAAAGAATAGAAAAGTT  
 GGGACCAGGAGGTGGGGCTGGCTTTGGGGTGTTCGGAGACCTCGACCAGCTCCTGGGGATGGGGAAAAG  
 CGGTCTCGAATCAAGAAGAGCAAGAAGCGGAAGTTGAAAAAGGCAGATCGGGGAGATAGACTCCCACCTC  
 CTGGCCCTCTAGGGCTCCTCCAGTGATACAGACTCTGAAGAGGAGGAGGAAGGAAGAGGAAGAAAG  
 TGATGAGGAAGAGATGACAGTGGGGGTGGAGTCCAGCCCTGTGCTCCCAACACCCCTGAGGCCCC  
 AGGCCCTCTGTTACAGTGCCTGAAAGTGTCTCCCTACTGACAGTGAAGGCAAGATGTGGGCAGCA  
 CAGAAACAAGCCAAGATGGAGATGCTAGCTCCAGTGAAGGCGAGATGCGGGTATGGATGAGGACATCAT  
 GGTAGAATCAGGTGACGACTCCTGGGATCTGATCACGTGTACTGCAGAAAGCCCTTTGCGGGCGGCC  
 ATGATTGAGTGCAGCCTCTGTGGACGTGGATCCACCTCTCTGTGCTAAGATTAAGAAGACCAACGTTCC  
 CCGACTCTTTTATTGCCAGAAATGCAAGGAACCTCGGCCAGAGGCCGGGTTAGGGGTCTCCCAA  
 ATCTGGAGAACC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_030064
<b>Insert Size:</b>	1206 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_030064.4</a> , <a href="#">NP_084340.2</a>
<b>RefSeq Size:</b>	2019 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	78246
<b>UniProt ID:</b>	<a href="#">Q8BSN5</a>
<b>Cytogenetics:</b>	11
<b>Gene Summary:</b>	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 (1) represents the longest transcript and encodes the longest isoform (a).