

## Product datasheet for MC212909

### Phf13 (NM\_172705) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Phf13 (NM\_172705) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Phf13  
**Synonyms:** BC029632; Phf5; SPOC1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212909 representing NM\_172705  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACTCCGACTCCTGCGCCGCCCTTCCACCCGAGGAGTACTCCCCACTTGTAAAGAGGCCCGGA  
 CTGTGGAAGACTCAACAAATTCTGCACCTTCGTCTTGGCATATCGGGGTACATCCCCTACCCAAAGGA  
 GGAGCTCCCCCTGAGGAGCAGTCCAGCCCCGCCAACAGCACTGCCGGGACCATTGACAGCGACGGCTGG  
 GACTGTTTTCTCTGACATCACGCCTTCAAGTCCCGACCGATGCTTCAGCCACCTGCAGCTTCCCTCT  
 TGACAGAGAGCTAAGCCAGTAACACTCTTGGACAGGAAGACAAGTGAAGAAGAAGAAGAG  
 GAGGAAGCGCAGGGACAGCGACATACCTGTGAAGGAGGGATTGAGGGAGAGCCTGCTGAAGCTGGAAGCT  
 GCAGACCCATATGTGGAGACTCCCTCAAGCCCCACCATGCAGGATATCCCAGGGCTGCTGACCCCT  
 GCTCAGGCTGGGACTCTGACACACCCTCAAGTGGCTCTTGTGCTACTGTGTACCTGATCAGGTCACAGA  
 AATAAAAAGTGAAGGAAAACGGACTATTGTCCGCCAGGAAAGCAGGTGGTGTCCGAGACGAAGACAGC  
 ACTGGCAATGATGAAGACATCATGGTGGACTCAGATGATGATTCCTGGGACCTCGTCACCTGTTTCTGCA  
 TGAAGCCCTTTGCCGGCCGCCCATGATCGAGTGTAAACGAGTGCCACACCTGGATTACCTGTCTGTGC  
 AAAGATCCGCAAGTCCAATGTCCCGAAAGTTTTGTCTGCCAAAAGTGCCGGGACTCCAAGTTTGATATC  
 CGTCGCTCCAACCGTCCCGAATGGGCTCCCGAAGCTGTTTCTGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172705  
**Insert Size:** 891 bp



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<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_172705.2</a> , <a href="#">NP_766293.2</a>
<b>RefSeq Size:</b>	3128 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	230936
<b>UniProt ID:</b>	<a href="#">Q8K2W6</a>
<b>Cytogenetics:</b>	4 E2
<b>Gene Summary:</b>	Modulates chromatin structure. Required for normal chromosome condensation during the early stages of mitosis. Required for normal chromosome separation during mitosis (By similarity).[UniProtKB/Swiss-Prot Function]