

## Product datasheet for MC212119

### Phyhip (NM\_145981) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Phyhip (NM\_145981) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Phyhip  
**Synonyms:** AW049870; C630010D02Rik; Lnap1ip; PAHX-AP#1; PAHX-AP1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212119 representing NM\_145981  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCTTCTGTCTACCCCCACAGCATCGAGATCAACAATATCACCTGTGACTCTTCCGTATCTCT  
 GGGCCATGGAGGACAGTGACCTGGAGAGGGTACCCATTATTTTATTGACCTGAACAAGAAGGAGAATAA  
 GAATTCACAACAAGTTCAAGCACCAGATGTCCCCACCAAGCTTGTGGCCAAGGCCGTGCCTTGCCCATG  
 ACGGTGAGAGGCCACTGGTTCCTGAGTCCCGGACAGAGTACAGTGTGGCAGTGCAGACTGCGGTGAAGC  
 AGAGTGATGGAGAGTACCTGGTGTCTGGCTGGAGTGAGACTGTGGAGTCTGCACTGGGGACTATGCCAA  
 GGAACACCTTGCCAGCTGCAGGAGAAGGCTGAGCAGATCGCTGGCCGCATGCTCCGCTTCTGTGTTC  
 TACCGCAACCATCACAAGGAGTACTTCCAGCATGCCAGGACCCACTGTGGGAACGTACTGCAGCCTTACC  
 TGAAGGACAACAGCGGTAGCCACGGCTCCCCACCAGCGGCATGCTGCACGGGGTCTTCTCAGCTGCAA  
 CACGGAGTTCAACACAGGCCAGCCCCCGCAGGACTCCCCTTACGGCCGCTGGCGCTTCCAGATCCCTGCC  
 CAGCGCCTCTTCAACCCAGCACCAACCTCTACTTTGCGGACTTCTACTGTATGTACACAGCCTACCCT  
 ATGCCATCTTGGTGTGGCACCCAAAGGCTCCCTGGGGGACCGCTTCTGTCTGACCGCTGCCCTCCT  
 GGACATTGCCTGCAACAAGTTCCTGACCTGCAGTGTGGAGGATGGAGAGCTGATCTCCGCCACGCTCAG  
 GACCTCATCTTGAGATCATCTACACCGAGCCTGTGACCTGTCCCTGGGCACCCCTGGGAGAGATCAGCG  
 GGCACCAGCTCATGAGCCTGTCCACTGCTGACGCCAAGAAAGATCCCAGCTGCAAGACCTGCAACATCAG  
 CGTGGGCCGCTAG

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_145981



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<b>Insert Size:</b>	993 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>	<u><a href="#">NM_145981.3</a></u> , <u><a href="#">NP_666093.1</a></u>
<b>RefSeq Size:</b>	2789 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	105653
<b>UniProt ID:</b>	<u><a href="#">Q8K0S0</a></u>
<b>Cytogenetics:</b>	14 D2
<b>Gene Summary:</b>	Its interaction with PHYH suggests a role in the development of the central system. [UniProtKB/Swiss-Prot Function]