

## Product datasheet for **RR213035**

### Phf7 (NM\_001012211) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Phf7 (NM\_001012211) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Phf7  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR213035 representing NM\_001012211  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGACTATAAAAGAAAAAAGGAACATCCAAGATTGAGAAAACTGCCAGGACTAAGAAGTAACCC  
ACAGGAAGCTGTCTTCAGGTCTGTGGCTGTGCTTTCAAGAACCCTGGCGATCCTGAAAACTAGG  
AGAATTTCTTCAGAAAGACAATCTTGTGTCCATTATTTCTGTCTTATCCTATCTAGCAAATGCCTCAG  
AAGGGCCAACCCAAACAGAGGTCTCCATGGATTTATGCCTGAAGACATCAAAAAGGAGGCAGCCCGGCTT  
CTAGGAAGGTCTGCTTTGTGTGCAAGAGAAAAGGAGCTGTATCAGGTGCCAGAAGGACCAGTGTGTCCA  
GAACTTCCATCTACCTTGTGGCCAGGAAAGGGCTGCCTGTCACAGTTTTTTGGAGAGTACAATCCTAT  
TGTGGAAAACATCGCCCAACACAGAATCCACCAGAGGAGTTTTGGGAAAGCTGCGTCTTGTGTGTG  
AAGACTTATCCCGAGCAAGTGTGAGAACATCAGGAGCCCATGTTGTAGTCAAGCTATCTACCACCGAAA  
GTGTATCCAGAAATGCCCACACGTGAGCAAGCACTTCTTCAAGTGCCCCAGTGCAACAACCGAGAA  
GAGTTTCCACAGGAGATGCTGAGGATGGGAATCCACATCCAGACAGAGATGCTGCCTGGAACTCGAGC  
CAGGGGCTTTCTCCGAGTTGTATCAGCGTTACCAGCATTGTGACGCCCCATCTGTCTGTATGAACAAGG  
CAGAGACAGTTTTGAGGACGAAGGGCGGTGGCGCCTCATTGTGTGCGACATGTGGATCCACGGAACC  
CACCGGGACTGCTCCTCTTAGACCCAACAGCAAGAAATGGGAGTGTAATGAGTGTCTGCCTGCTTCAA  
CCGAGGATTCTGTATCTGAAAATTTGGGTGACACCCCTGTTGCAGCAGCACCTTCTGCCCCACGAGCC  
TTTCTAAGGGCCACAGCCTGGAAGAGAAATCCAGGCTTCTTCTGGACCAACTGGCTACAACCTTCCCTG  
TTAGAAAAGCCTGAGTCTCTAGTGAAGCAGCTGCCAGTCTGGCGATCCAAAGGAATCAAAGTCACTA  
AGGATTGCAAAAAGTCCAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR213035 representing NM\_001012211  
 Red=Cloning site Green=Tags(s)

MRTI~~KEKKEHPRLRKTARTKKVTHRKLSSGPVCLLCFQEPGDPEKLG~~EF~~LQKDNLCVHYFCLILSSKLPQ~~  
 KG~~QPNRGLHGFMPEDIKKEAARASRKVCFVCKRKGAAIRCQKQDQCVQNFHLP~~CG~~QERGCLSQFFGEYKSY~~  
 CG~~KHRPTQNIHQRSFGESCVLCCEDLSRASVENIRSPCCSQAIYHRKCIQKYAHTSAKHFFKCPQCNNRE~~  
 EF~~PQEMLRMGIHIPDRDAAWELEPGAFSELYQRYQHCDAPICLYEQGRDSFEDEGRWRLILCATCGSHGT~~  
 HR~~DCSSLRPNSSKKEWECNECLPASTEDSVSENLGDTPCCSSTFCPHEPFLRAT~~SLEENPGSSWTNWLQPSL  
 LE~~KPESSSGSSCQSWRSKGIKVTKDCKKSK~~

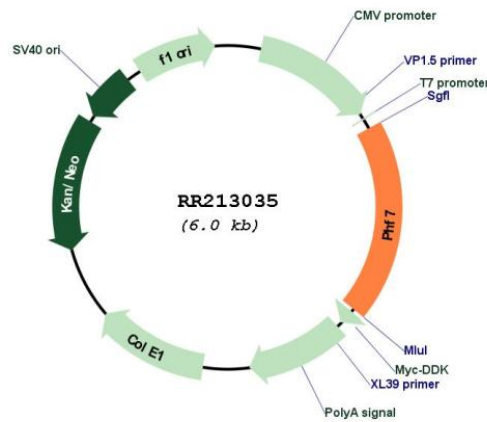
TRTRPLE~~QKLISEEDLAANDILDYKDDDDKV~~

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001012211

<b>ORF Size:</b>	1140 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001012211.1</a> , <a href="#">NP_001012211.1</a>
<b>RefSeq Size:</b>	1574 bp
<b>RefSeq ORF:</b>	1143 bp
<b>Locus ID:</b>	364510
<b>UniProt ID:</b>	<a href="#">Q6AXW4</a>
<b>Cytogenetics:</b>	16p16
<b>MW:</b>	43.4 kDa
<b>Gene Summary:</b>	May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]