

## Product datasheet for MR223889

### Phf2011 (NM\_001081409) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Phf2011 (NM_001081409) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Phf2011
Synonyms:	CGI-72; E130113K22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223889 representing NM_001081409 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTAAAAAGCCCCAAATCGTCTGGAATCACTTTTGAGATTGGTGCTCGTTGGAGGCACTGGACT  
ACTTACAGAAATGGTATCCATCCGAATTGAAAAATTGATTATGAAGAAGGGAAGATGCTAGTCCATTT  
TGAGCGCTGGAGTCATCGATATGATGAGTGGATTTACTGGGACAGCAACAGGTTGCGACCCCTTGAGAGA  
CCTGCCTAAGGAAAGAAGGGCTAAAGGATGAGGAAGAGCTCTTTGATTTTAAAGCTGGAGAAGAAGTAC  
TGGCTCGTTGGACAGACTGTCGCTATTACCCTGCCAAGATTGAAGCAATTAACAAAGAAGGAACATTAC  
AGTTTCAGTTTTATGATGGCGTAATCCGTTGTTTAAAAAGAATGCACATTAAGCCATGCCTGAGGATGCT  
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AGGGACTAAACCTCGAGCCAGTGCCTAACAGCAATAAAGAGAAAGAGAGATGGGGGAAAATGGTTCAA  
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CCACATCCAGTGAACATTTGGACTTCACATAGACACCGTTCCAAAGATCGTCTTTCCACAGCCAGAGAG  
CACATTAACAAACAAGAGGAAAAATAATCAAGGCAACTCATTTCCAGGCAAAGAGAGCCCGACTTAAACA  
ATCACTGGTTTGTGGCATCCAAAGCTGTTGGGGTGGATGGTGCTGAAAGAAAAGAGACTGCAGTGCAA  
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CAGTTCTGCCAACACTCAGAAACCTGCACTGTTATCCTCAACTTTGTCTTCAGGGAAGGCTCGCAGCAAG  
AAATGCAAACATGAATCTGGAGAGTCTTCTGGGTGTATAAAAACCCCTAAGTCACCACTTGCCCCAGAGT  
TAATACAAGCCAAGGATTTGACGCTTGTATCTCAGCTTTCTTCAGTGATAAATAAACTAGTTCTCCACA  
GCCTGTGAATCCCCTAGACCTTGAAGCATAGTGAGAGAAGAAGAAGATCCCAGCGCTTAGCCACCTTA  
CCCATGCCTGATGACTCTAGAAAAGCTTTCTTCTTCTTCCAGCACTGATGGCAAAGCATTCTCCA  
TCAGTTCTCAGAATCAGCAACAGTCTTCAGTACCAGAGGTGCCTGCTATCGCGTATGTGCCGCTCCAGAA  
GCTGGGCCCTGCCTCCCTTTGATTTAAGTTGTGGTTCAGAAGTCACAGGGAGTGAACCCACATCCC



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**Cloning Scheme:**


**ACCN:** NM\_001081409

**ORF Size:** 3039 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001081409.1](#), [NP\\_001074878.1](#)

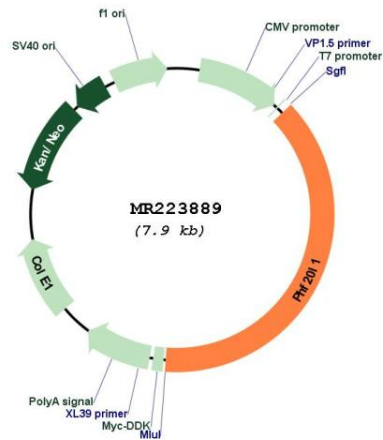
**RefSeq Size:** 6670 bp

**RefSeq ORF:** 3042 bp

**Locus ID:** 239510

UniProt ID: [Q8CCJ9](#)  
 Cytogenetics: 15 D1- D2  
 MW: 113.9 kDa

**Product images:**



Circular map for MR223889