

Product datasheet for **MG205605**

Phf6 (NM_027642) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phf6 (NM_027642) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Phf6
Synonyms: 2700007B13Rik; 4931428F02Rik; mKIAA1823
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205605 representing NM_027642
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCAAGCTCAATTGAACAGAAAAAGGGTCTACGAGACAGCGTAAATGTGGCTTTTGAAGTCAAATA
 GAGACAAGGAATGTGGACAGTTACTGATATCTGAAAACCAAGGTGGCAGCACACCACAAGTGCATGCT
 GTTTTCGCTGCTTTGGTGTCTCACATTCTGATAATGAGAGTCTTGGTGGATTTTCTATTGAAGATGTT
 CAAAAGGAAATAAAAGAGGCACAAAGCTGATGTGTTCTTTGTCATTGTCCTGGAGCAACCATTGGCT
 GTGATGTGAAAACCTGCCACAGGACATACCACTACCACTGTGCATTGCATGATAAAGCTCAGATCCGAGA
 GAAACCTTCGCAAGGGATTTACATGGTTTTATTGTGAAAACACAAGAAAAGTGCACATAACTCGGAAGCT
 GATTTAGAAGAAAAGTTTTAATGAGCATGAACTGGAGCCCTCATCTCCAAAGACTAAGAAGAAAAGTCGCA
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 AGATGAAATGGAAAGTAGCTCCTACCGAGATAGGTCTCCACACAGGAGCAGTCCATGATACCAGGCTT
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 AGAAGGCAGCCGCACATTACAAGTGCATGTTGTTTTCTTGGCACTGTTTCAGCTCACAACAACATCAAG
 AGCAGAATTTGGAGATTCGATATTAAGTGTACTTTCAGGAGATTAAGCGAGGAAAAAGGATGAAATGT
 ACACATTTGCAGTCAGCCTGGTGCTACTATTGGATGCGAAAATAAAGCCTGTGTTAAAACCTACCATTACC
 ACTGTGGTGTACAAGACAAGGCAAAATACATTGAAAATATGTCACGAGGAATTTACAAAACCTATTGTAA
 AAACCATAGTGGAAATGATGAGCGAGATGAAGAAGATGAGGAGCGAGAGAGTAAAAGCCGTGGAAGAGTA
 GCGATTGATCAGCAGCTAACCCAGCAGCAGCTTAATGGAAC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205605 representing NM_027642
Red=Cloning site Green=Tags(s)

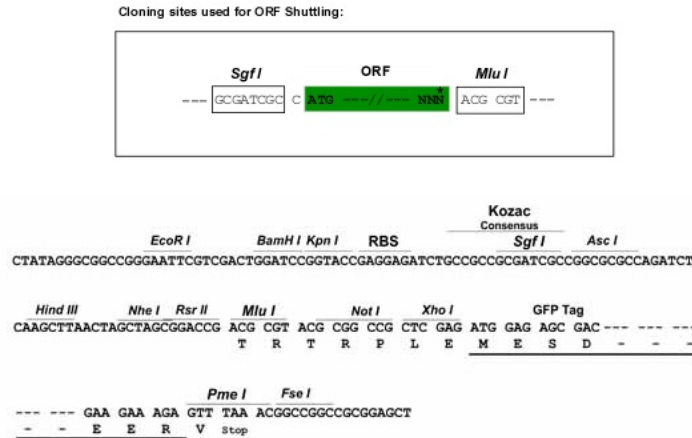
MSSSIEQKKGSTRQRKCGFCKSNRDKECGQLLISENQVAAHHKCMLFSSALVSSHSDNESLGGFSIEDV
 QKEIKRGTKLMCSLCHCPGATIGCDVKTCHRTYHYHCALHDKAQIREKPSQGIYMVYCRKHKTAHNSEA
 DLEESFNEHELEPSSPKTKKSRKGRPRKTNLKGLPEDSRSTSSHGTDEMESSYRDRSPHRSSPNDRP
 KCGFCHVGEEENEARGKLHIFNAKAAAHHYKCMLFSSGTVQLTTTSRAEFGDFDIKTVLQEIKRGRMKC
 TLCSPGATIGCEIKACVKTYHYHCGVQDKAKYIENMSRGIYKLYCKNHSNGNDERDEEDEERESKSRGRV
 AIDQQLTQQQLNGN

TRTRPLE - GFP Tag - V

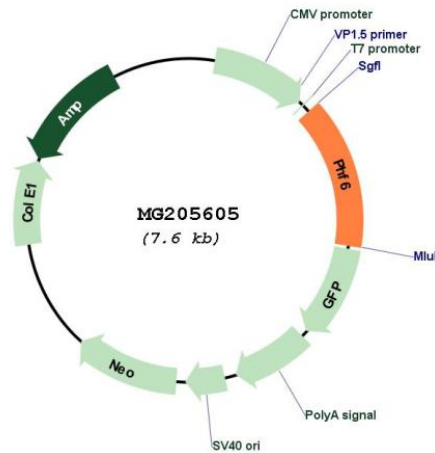
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_027642

ORF Size:	1092 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:	<ol style="list-style-type: none">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_027642.2
RefSeq Size:	4385 bp
RefSeq ORF:	1095 bp
Locus ID:	70998
UniProt ID:	Q9D4J7
Cytogenetics:	X A5
Gene Summary:	Transcriptional regulator that associates with ribosomal RNA promoters and suppresses ribosomal RNA (rRNA) transcription.[UniProtKB/Swiss-Prot Function]