

Product datasheet for **MC226782**

Phf6 (NM_001290546) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phf6 (NM_001290546) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phf6
Synonyms:	2700007B13Rik; 4931428F02Rik; mKIAA1823
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226782 representing NM_001290546 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTTCTCTTTGTCATTGTCCTGGAGCAACCATTGGCTGTGATGTGAAAACCTGCCACAGGACATACC
ACTACCACTGTGCATTGCATGATAAAGCTCAGATCCGAGAGAAACCTTCGCAAGGGATTTACATGGTTTA
TTGTCGAAAACACAAGAAAAGTGCACATAACTCGGAAGCTGATTTAGAAGAAAGTTTTAATGAGCATGAA
CTGGAGCCCTCATCTCAAAGACTAAGAAGAAAAGTCGAAAGGAAGACCGAGAAAACTAACCTTAAAG
GCTTGCCAGAAGACAGCAGGTCCACATCCTCCCATGGAACAGATGAAATGGAAAGTAGCTCCTACCGAGA
TAGGTCTCCACACAGGAGCAGTCTAATGATACCAGGCCATAATGTGGATTTTGCCATGTAGGGGAGGAA
GAAAATGAAGCAAGAGGGAAATTGCATATATTTAATGCCAAGAAGGCAGCCGACATTACAAGTGCATGT
TGTTTTCTTCTGGCACTGTTTCAGCTCACAACAACATCAAGAGCAGAATTTGGAGATTTTCGATATTTAAAC
TGTACTTCAGGAGATTAAGCGAGGAAAAAGGATGAAATGTACACTTTGCAGTCAGCCTGGTGCTACTATT
GGATGCGAAATAAAAGCCTGTGTTAAAACCTACCATTACCACTGTGGTGTACAAGACAAGGCAAAATACA
TTGAAAATATGTCACGAGGAATTTACAACTCTATTGTA AAAACCATAGTGGAAATGATGAGCGAGATGA
AGAAGATGAGGAGCGAGAGATAAAAGCCGTGGAAGAGTAGCGATTGATCAGCAGCTAACCCAGCAGCAG
CTTAATGGAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001290546
Insert Size:	855 bp



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OTI Disclaimer:	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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001290546.1</u> , <u>NP_001277475.1</u>
RefSeq Size:	4134 bp
RefSeq ORF:	855 bp
Locus ID:	70998
UniProt ID:	<u>Q9D4J7</u>
Cytogenetics:	X A5
Gene Summary:	<p>Transcriptional regulator that associates with ribosomal RNA promoters and suppresses ribosomal RNA (rRNA) transcription.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus than isoform 1.</p>