

## Product datasheet for MR211469L1

## Phf20 (BC060121) Mouse Tagged Lenti ORF Clone

## **Product data:**

**Product Type:** Expression Plasmids

Product Name: Phf20 (BC060121) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Phf20

**Synonyms:** 6820402O20Rik

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

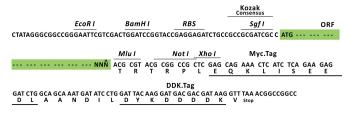
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR211469).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** BC060121 **ORF Size:** 3069 bp



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

## Phf20 (BC060121) Mouse Tagged Lenti ORF Clone - MR211469L1

**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:** <u>BC060121</u>, <u>AAH60121</u>

RefSeq Size: 5665 bp
RefSeq ORF: 3071 bp
Locus ID: 228829
Cytogenetics: 2 H1

Gene Summary: Contributes to methyllysine-dependent p53/TP53 stabilization and up-regulation after DNA

damage (By similarity). Methyllysine-binding protein, component of the MOF histone

acetyltransferase protein complex. Not required for maintaining the global histone H4 'Lys-16'

acetylation (H4K16ac) levels or locus specific histone acetylation, but instead works

downstream in transcriptional regulation of MOF target genes. As part of the NSL complex it

may be involved in acetylation of nucleosomal histone H4 on several lysine residues.

[UniProtKB/Swiss-Prot Function]