

## Product datasheet for MR201630L3

### Vhl (NM\_009507) Mouse Tagged Lenti ORF Clone

### **Product data:**

**Product Type: Expression Plasmids** 

**Product Name:** Vhl (NM\_009507) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Vhl

Vhlh Synonyms:

**Mammalian Cell** Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

The ORF insert of this clone is exactly the same as(MR201630). **ORF Nucleotide** 

Sgfl-Mlul

Sequence:

**Restriction Sites: Cloning Scheme:** 

> Cloning sites used for ORF Shuttling: ORF Safl





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

ACCN: NM\_009507

**ORF Size:** 546 bp



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#### Vhl (NM\_009507) Mouse Tagged Lenti ORF Clone - MR201630L3

**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.

P40338

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 009507.3</u>

RefSeq Size:2730 bpRefSeq ORF:546 bpLocus ID:22346

Cytogenetics: 6 52.81 cM

**UniProt ID:** 

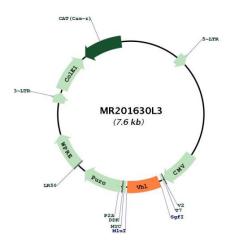
**Gene Summary:** Involved in the ubiquitination and subsequent proteasomal degradation via the von Hippel-

Lindau ubiquitination complex. Seems to act as a target recruitment subunit in the E3 ubiquitin ligase complex and recruits hydroxylated hypoxia-inducible factor (HIF) under normoxic conditions. Involved in transcriptional repression through interaction with HIF1A, HIF1AN and histone deacetylases. Ubiquitinates, in an oxygen-responsive manner, ADRB2 (By

similarity).[UniProtKB/Swiss-Prot Function]



# **Product images:**



Circular map for MR201630L3