

Product datasheet for MR218015L3

Kcnv1 (NM_026200) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Kcnv1 (NM 026200) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Kcnv1

2700023A03Rik; vibe Synonyms:

Mammalian Cell Puromycin

Selection:

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

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

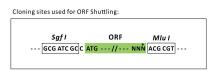
The ORF insert of this clone is exactly the same as(MR218015). **ORF Nucleotide**

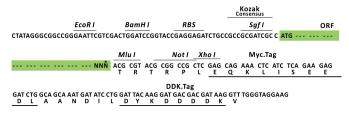
Sequence:

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_026200

ORF Size: 1509 bp



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Kcnv1 (NM_026200) Mouse Tagged Lenti ORF Clone - MR218015L3

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>NM 026200.3</u>, <u>NP 080476.2</u>

 RefSeq Size:
 4496 bp

 RefSeq ORF:
 1512 bp

 Locus ID:
 67498

 UniProt ID:
 Q8BZN2

 Cytogenetics:
 15 B3.3

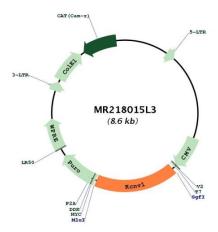
Gene Summary: Potassium channel subunit that does not form functional channels by itself. Modulates

KCNB1 and KCNB2 channel activity by shifting the threshold for inactivation to more negative values and by slowing the rate of inactivation. Can down-regulate the channel activity of KCNB1, KCNB2, KCNC4 and KCND1, possibly by trapping them in intracellular membranes (By

similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR218015L3