

## **Product datasheet for MR211306L3**

## **Vps8 (BC023914) Mouse Tagged Lenti ORF Clone**

## **Product data:**

**Product Type:** Expression Plasmids

Product Name: Vps8 (BC023914) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Vps8

**Synonyms:** mKIAA0804, MGC38232

Mammalian Cell Puromycin

Selection:

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

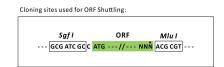
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR211306).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** BC023914 **ORF Size:** 2874 bp



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## Vps8 (BC023914) Mouse Tagged Lenti ORF Clone - MR211306L3

**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>BC023914</u>, <u>AAH23914</u>

RefSeq Size: 3383 bp
RefSeq ORF: 2876 bp
Locus ID: 209018
Cytogenetics: 16 B1

**Gene Summary:** Plays a role in vesicle-mediated protein trafficking of the endocytic membrane transport

pathway. Believed to act as a component of the putative CORVET endosomal tethering complexes which is proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion

probably in specific endosome subpopulations. Functions predominantly in APPL1-containing

endosomes (By similarity).[UniProtKB/Swiss-Prot Function]