

# **Product datasheet for MR210992L3**

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### 2310066E14Rik (BC030451) Mouse Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: 2310066E14Rik (BC030451) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

**Symbol:** 2310066E14Rik

**Synonyms:** 2310066E14Rik; Al837433

Mammalian Cell Puromycin

Selection:

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

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

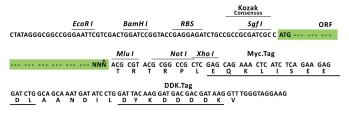
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR210992).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** BC030451 **ORF Size:** 2586 bp





#### 2310066E14Rik (BC030451) Mouse Tagged Lenti ORF Clone - MR210992L3

**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.

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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>BC030451.1</u>

**RefSeq Size:** 3209 bp

**RefSeq ORF:** 2588 bp

Cytogenetics: 8 D3

Locus ID:

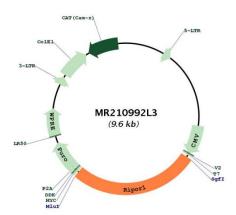
**Gene Summary:** Downstream effector protein for Rho-type small GTPases that plays a role in cell polarity and

directional migration. Acts as an adapter protein, linking active Rho proteins to STK24 and STK26 kinases, and hence positively regulates Golgi reorientation in polarized cell migration upon Rho activation. Involved in the subcellular relocation of STK26 from the Golgi to cytoplasm punctae in a Rho- and PDCD10-dependent manner upon serum stimulation.

[UniProtKB/Swiss-Prot Function]



# **Product images:**



Circular map for MR210992L3