

## **Product datasheet for RC201395L3**

MEIS2 (NM\_002399) Human Tagged Lenti ORF Clone

### 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

# Product data:

**Product Type:** Expression Plasmids

Product Name: MEIS2 (NM\_002399) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: MEIS2

Synonyms: CPCMR; HsT18361; MRG1

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(RC201395).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_002399

ORF Size: 1143 bp





### MEIS2 (NM\_002399) Human Tagged Lenti ORF Clone - RC201395L3

**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:** NM 002399.2

RefSeq Size: 3074 bp
RefSeq ORF: 1146 bp
Locus ID: 4212

UniProt ID: <u>O14770</u>

Cytogenetics: 15q14

**Domains:** homeobox

**Protein Families:** Transcription Factors

**MW:** 41.5 kDa

**Gene Summary:** This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop

extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcription regulators, and several members have been shown to be essential contributors to developmental programs. Multiple transcript variants encoding distinct

isoforms have been described for this gene. [provided by RefSeq, Jul 2008]