

## Product datasheet for **RC225579L3V**

### **C17orf96 (EPOP) (NM\_001130677) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Product Type:</b>             | Lentiviral Particles                 |
| <b>Symbol:</b>                   | EPOP                                 |
| <b>Synonyms:</b>                 | C17orf96; PRR28                      |
| <b>Mammalian Cell Selection:</b> | Puromycin                            |
| <b>Vector:</b>                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| <b>Tag:</b>                      | Myc-DDK                              |
| <b>ACCN:</b>                     | NM_001130677                         |
| <b>ORF Size:</b>                 | 1137 bp                              |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC225579).

**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.

|                      |                                |
|----------------------|--------------------------------|
| <b>RefSeq:</b>       | <a href="#">NM_001130677.1</a> |
| <b>RefSeq ORF:</b>   | 1140 bp                        |
| <b>Locus ID:</b>     | 100170841                      |
| <b>UniProt ID:</b>   | <a href="#">A6NHQ4</a>         |
| <b>Cytogenetics:</b> | 17q12                          |
| <b>MW:</b>           | 39.1 kDa                       |



**Gene Summary:**

Scaffold protein that serves as a bridging partner between the PRC2/EED-EZH2 complex and the elongin BC complex: required to fine-tune the transcriptional status of Polycomb group (PcG) target genes in embryonic stem cells (ESCs). Plays a key role in genomic regions that display both active and repressive chromatin properties in pluripotent stem cells by sustaining low level expression at PcG target genes: acts by recruiting the elongin BC complex, thereby restricting excessive activity of the PRC2/EED-EZH2 complex. Interaction with USP7 promotes deubiquitination of H2B at promoter sites. Acts as a regulator of neuronal differentiation. [UniProtKB/Swiss-Prot Function]