

## Product datasheet for **RC224301L4V**

### **KRTAP4-11 (NM\_033059) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

|                                  |                                        |
|----------------------------------|----------------------------------------|
| <b>Product Type:</b>             | Lentiviral Particles                   |
| <b>Symbol:</b>                   | KRTAP4-11                              |
| <b>Synonyms:</b>                 | KAP4.11; KAP4.14; KRTAP4-14; KRTAP4.14 |
| <b>Mammalian Cell Selection:</b> | Puromycin                              |
| <b>Vector:</b>                   | pLenti-C-mGFP-P2A-Puro (PS100093)      |
| <b>Tag:</b>                      | mGFP                                   |
| <b>ACCN:</b>                     | NM_033059                              |
| <b>ORF Size:</b>                 | 585 bp                                 |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC224301).

**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_033059.2</a> , <a href="#">NP_149048.1</a> |
| <b>RefSeq Size:</b>  | 1219 bp                                                   |
| <b>RefSeq ORF:</b>   | 588 bp                                                    |
| <b>Locus ID:</b>     | 653240                                                    |
| <b>UniProt ID:</b>   | <a href="#">Q9BYQ6</a>                                    |
| <b>Cytogenetics:</b> | 17q21.2                                                   |



**MW:** 20.7 kDa

**Gene Summary:**

This protein is a member of the keratin-associated protein (KAP) family. The KAP proteins form a matrix of keratin intermediate filaments which contribute to the structure of hair fibers. KAP family members appear to have unique, family-specific amino- and carboxyl-terminal regions and are subdivided into three multi-gene families according to amino acid composition: the high sulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs. This protein is a member of the ultrahigh sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq, Mar 2009]