

## Product datasheet for **MR215719L4V**

### **AF529169 (NM\_153509) Mouse Tagged ORF Clone Lentiviral Particle**

#### Product data:

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Product Type:</b>             | Lentiviral Particles              |
| <b>Symbol:</b>                   | AF529169                          |
| <b>Synonyms:</b>                 | DD1; Kiaa1024                     |
| <b>Mammalian Cell Selection:</b> | Puromycin                         |
| <b>Vector:</b>                   | pLenti-C-mGFP-P2A-Puro (PS100093) |
| <b>Tag:</b>                      | mGFP                              |
| <b>ACCN:</b>                     | NM_153509                         |
| <b>ORF Size:</b>                 | 2751 bp                           |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(MR215719).

**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_153509.2</a> , <a href="#">NP_705729.1</a> |
| <b>RefSeq Size:</b>  | 4250 bp                                                   |
| <b>RefSeq ORF:</b>   | 2754 bp                                                   |
| <b>Locus ID:</b>     | 209743                                                    |
| <b>UniProt ID:</b>   | <a href="#">Q8K3V7</a>                                    |
| <b>Cytogenetics:</b> | 9 E3.1                                                    |



**Gene Summary:**

Intrinsically disordered protein which may negatively regulate mTOR signaling pathway by stabilizing the mTOR complex component DEPTOR. Negatively regulates angiogenesis. Negatively regulates cell growth (By similarity). Negatively regulates neurite outgrowth in hippocampal neurons (By similarity).[UniProtKB/Swiss-Prot Function]