

## Product datasheet for **RC215418L4V**

### Aurora C (AURKC) (NM\_001015879) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Aurora C (AURKC) (NM_001015879) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Aurora C   |
| Synonyms:                 | AIE2; AIK3; ARK3; AurC; aurora-C; HEL-S-90; SPGF5; STK13   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001015879   |
| ORF Size:                 | 870 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC215418).   |
| 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. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| RefSeq:                   | <a href="#">NM_001015879.1</a>   |
| RefSeq Size:              | 1120 bp  |
| RefSeq ORF:               | 873 bp   |
| Locus ID:                 | 6795   |
| UniProt ID:               | <a href="#">Q9UQB9</a>   |
| Cytogenetics:             | 19q13.43   |
| Protein Families:         | Druggable Genome, Protein Kinase   |
| MW:                       | 33.5 kDa   |



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**Gene Summary:**

This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]