

## Product datasheet for **RC203686L1V**

### CIDE C (CIDE C) (NM\_022094) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | CIDE C (CIDE C) (NM_022094) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | CIDE C   |
| Synonyms:                 | CIDE-3; CIDE3; FPLD5; FSP27  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_022094  |
| ORF Size:                 | 714 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC203686).   |
| 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_022094.2</a>  |
| RefSeq Size:              | 1298 bp  |
| RefSeq ORF:               | 717 bp   |
| Locus ID:                 | 63924  |
| UniProt ID:               | <a href="#">Q96AQ7</a>   |
| Cytogenetics:             | 3p25.3   |
| Protein Families:         | Druggable Genome   |
| MW:                       | 26.8 kDa   |



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**Gene Summary:**

This gene encodes a member of the cell death-inducing DNA fragmentation factor-like effector family. Members of this family play important roles in apoptosis. The encoded protein promotes lipid droplet formation in adipocytes and may mediate adipocyte apoptosis. This gene is regulated by insulin and its expression is positively correlated with insulin sensitivity. Mutations in this gene may contribute to insulin resistant diabetes. A pseudogene of this gene is located on the short arm of chromosome 3. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]