

## Product datasheet for **RC202422L1V**

### Centrin 2 (CETN2) (NM\_004344) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Centrin 2 (CETN2) (NM_004344) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Centrin 2  |
| Synonyms:                 | CALT; CEN2   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_004344  |
| ORF Size:                 | 516 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC202422).   |
| 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_004344.1</a>  |
| RefSeq Size:              | 1087 bp  |
| RefSeq ORF:               | 519 bp   |
| Locus ID:                 | 1069   |
| UniProt ID:               | <a href="#">P41208</a>   |
| Cytogenetics:             | Xq28   |
| Domains:                  | EFh  |
| Protein Families:         | Druggable Genome   |



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**Protein Pathways:** Nucleotide excision repair

**MW:** 19.7 kDa

**Gene Summary:** Caltractin belongs to a family of calcium-binding proteins and is a structural component of the centrosome. The high level of conservation from algae to humans and its association with the centrosome suggested that caltractin plays a fundamental role in the structure and function of the microtubule-organizing center, possibly required for the proper duplication and segregation of the centrosome. [provided by RefSeq, Jul 2008]