

## Product datasheet for **RR207456L4V**

### Cct2 (NM\_001005905) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Cct2 (NM_001005905) Rat Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Cct2   |
| Synonyms:                 | MGC94480   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001005905   |
| ORF Size:                 | 1605 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RR207456).   |
| 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_001005905.1</a> , <a href="#">NP_001005905.1</a>  |
| RefSeq Size:              | 1930 bp  |
| RefSeq ORF:               | 1608 bp  |
| Locus ID:                 | 299809   |
| UniProt ID:               | <a href="#">Q5XIM9</a>   |
| Cytogenetics:             | 7q22   |



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**Gene Summary:**

Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis. The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance. As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. The TRiC complex plays a role in the folding of actin and tubulin.[UniProtKB/Swiss-Prot Function]