

Product datasheet for **RC221229L4V**

CCT3 (NM_005998) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CCT3 (NM_005998) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CCT3 |
| Synonyms: | CCT-gamma; CCTG; PIG48; TCP-1-gamma; TRIC5 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_005998 |
| ORF Size: | 1635 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC221229). |
| 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. |
| RefSeq: | NM_005998.3 |
| RefSeq Size: | 2096 bp |
| RefSeq ORF: | 1638 bp |
| Locus ID: | 7203 |
| UniProt ID: | P49368 |
| Cytogenetics: | 1q22 |
| Domains: | cpn60_TCP1 |
| MW: | 60.4 kDa |



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Gene Summary:

The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternate transcriptional splice variants have been characterized for this gene. In addition, a pseudogene of this gene has been found on chromosome 8. [provided by RefSeq, Aug 2010]