

Product datasheet for **RC221229L2V**

CCT3 (NM_005998) Human Tagged ORF Clone Lentiviral Particle

Product data:

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:	None
Vector:	pLenti-C-mGFP (PS100071)
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]