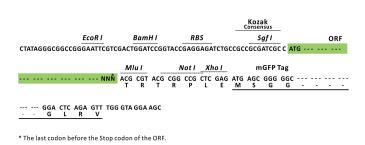


# Product datasheet for RC212330L4

# CCT6A (NM\_001009186) Human Tagged Lenti ORF Clone

### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CCT6A (NM_001009186) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	CCT6A
Synonyms:	CCT-zeta; CCT-zeta-1; CCT6; Cctz; HTR3; MoDP-2; TCP-1-zeta; TCP20; TCPZ; TTCP20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212330).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:           Sgf I         ORF         Mlu I
	GCG ATC GCC ATG // NNN ACG CGT



ACCN: ORF Size: NM\_001009186 1458 bp

#### OriGene Technologies, Inc.

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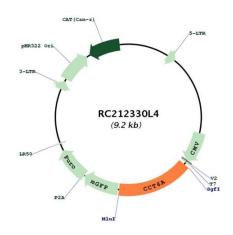
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CCT6A (NM_001009186) Human Tagged Lenti ORF Clone – RC212330L4	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 001009186.1</u>
RefSeq Size:	2547 bp
RefSeq ORF:	1461 bp
Locus ID:	908
UniProt ID:	<u>P40227</u>
Cytogenetics:	7p11.2
MW:	53.1 kDa
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 of this gene, encoding different isoforms, have been characterized. In addition, several pseudogenes of this gene have been located. [provided by

RefSeq, Jun 2010]

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# **Product images:**



Circular map for RC212330L4

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