

## Product datasheet for **RC230842L4V**

### TCP1 beta (CCT2) (NM\_001198842) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TCP1 beta (CCT2) (NM_001198842) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TCP1 beta
Synonyms:	99D8.1; CCT-beta; CCTB; HEL-S-100n; PRO1633; TCP-1-beta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001198842
ORF Size:	1464 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230842).
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_001198842.1</a>
RefSeq Size:	2193 bp
RefSeq ORF:	1467 bp
Locus ID:	10576
UniProt ID:	<a href="#">P78371</a>
Cytogenetics:	12q15
Protein Families:	Druggable Genome
MW:	52.7 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]