

Product datasheet for **RC214480L4V**

TCP1 delta (CCT4) (NM_006430) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TCP1 delta (CCT4) (NM_006430) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TCP1 delta
Synonyms:	CCT-DELTA; Cctd; SRB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006430
ORF Size:	1617 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214480).
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_006430.2
RefSeq Size:	2349 bp
RefSeq ORF:	1620 bp
Locus ID:	10575
UniProt ID:	P50991
Cytogenetics:	2p15
Domains:	cpn60_TCP1
Protein Families:	Druggable Genome



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MW: 57.7 kDa

Gene Summary: The chaperonin containing TCP1 (MIM 186980) complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin (see MIM 102560) and tubulin (see MIM 191130), as well as alpha-transducin (MIM 139330) (Won et al., 1998 [PubMed 9819444]).[supplied by OMIM, Mar 2008]