

Product datasheet for **RC221585L1V**

TTC3 (NM_001001894) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TTC3 (NM_001001894) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TTC3
Synonyms:	DCRR1; RNF105; TPRDIII
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001001894
ORF Size:	6075 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221585).
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_001001894.1
RefSeq Size:	7730 bp
RefSeq ORF:	6078 bp
Locus ID:	7267
UniProt ID:	P53804
Cytogenetics:	21q22.13
Protein Families:	Druggable Genome
MW:	229.7 kDa



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Gene Summary:

E3 ubiquitin-protein ligase that mediates the ubiquitination and subsequent degradation of phosphorylated Akt (AKT1, AKT2 and AKT3) in the nucleus. Acts as a terminal regulator of Akt signaling after activation; its phosphorylation by Akt, which is a prerequisite for ubiquitin ligase activity, suggests the existence of a regulation mechanism required to control Akt levels after activation. Catalyzes the formation of 'Lys-48'-polyubiquitin chains. May play a role in neuronal differentiation inhibition via its interaction with CIT.[UniProtKB/Swiss-Prot Function]