

## Product datasheet for **RC228667L4V**

### **TNIK (NM\_001161564) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TNIK (NM_001161564) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TNIK
Synonyms:	MRT54
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001161564
ORF Size:	3891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228667).
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_001161564.1</a>
RefSeq ORF:	3894 bp
Locus ID:	23043
UniProt ID:	<a href="#">Q9UKE5</a>
Cytogenetics:	3q26.2-q26.31
Protein Families:	Druggable Genome, Protein Kinase
MW:	147.7 kDa



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**Gene Summary:**

Wnt signaling plays important roles in carcinogenesis and embryonic development. The protein encoded by this gene is a serine/threonine kinase that functions as an activator of the Wnt signaling pathway. Mutations in this gene are associated with an autosomal recessive form of cognitive disability. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2017]