

Product datasheet for **RC214874L1V**

TTBK1 (NM_032538) Human Tagged ORF Clone Lentiviral Particle

Product data:

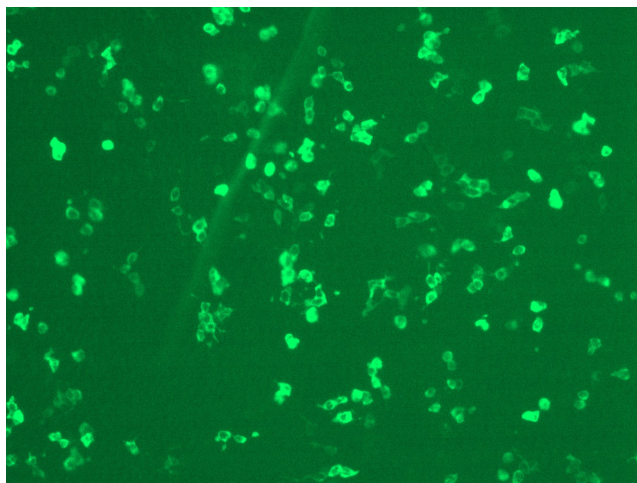
Product Type:	Lentiviral Particles
Product Name:	TTBK1 (NM_032538) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TTBK1
Synonyms:	BDTK
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_032538
ORF Size:	3963 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214874).
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_032538.1
RefSeq Size:	7128 bp
RefSeq ORF:	3966 bp
Locus ID:	84630
UniProt ID:	Q5TCY1
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	143.2 kDa



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Gene Summary:

Summary: This gene belongs to the casein kinase 1 superfamily. The encoded protein is a neuron-specific, serine/threonine and tyrosine kinase, which regulates phosphorylation of tau, a protein that associates with microtubule assemblies and stabilizes them. Genetic variants in this gene are associated with Alzheimer's disease. [provided by RefSeq, Jul 2016]

Product images:

[RC214874L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC214874L1V particle to overexpress human TTBK1-Myc-DDK fusion protein.