

## Product datasheet for **RC218814L1V**

### **LRRK1 (NM\_024652) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	LRRK1 (NM_024652) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LRRK1
Synonyms:	RIPK6; Roco1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_024652
ORF Size:	6045 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218814).
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_024652.3</a> , <a href="#">NP_078928.3</a>
RefSeq Size:	7647 bp
RefSeq ORF:	6048 bp
Locus ID:	79705
UniProt ID:	<a href="#">Q38SD2</a>
Cytogenetics:	15q26.3
Protein Families:	Druggable Genome, Protein Kinase
MW:	225.2 kDa



[View online »](#)

**Gene Summary:**

This gene encodes a multi-domain protein that is a leucine-rich repeat kinase and a GDP/GTP binding protein. The encoded protein is thought to play a role in the regulation of bone mass. Mice lacking a similar gene showed severe osteopetrosis, increased bone mineralization and decreased bone resorption. [provided by RefSeq, Jan 2017]