

Product datasheet for **RC216373L1V**

LRRK2 (NM_198578) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LRRK2 (NM_198578) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LRRK2
Synonyms:	AURA17; DARDARIN; PARK8; RIPK7; ROCO2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_198578
ORF Size:	7581 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216373).
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_198578.2
RefSeq Size:	9234 bp
RefSeq ORF:	7584 bp
Locus ID:	120892
UniProt ID:	Q5S007
Cytogenetics:	12q12
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Parkinson's disease



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MW: 286.1 kDa

Gene Summary: This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an ankryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8. [provided by RefSeq, Jul 2008]