

Product datasheet for **RC230885L3V**

PLK4 (NM_001190801) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLK4 (NM_001190801) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLK4
Synonyms:	MCCRP2; SAK; STK18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001190801
ORF Size:	2913 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230885).
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_001190801.1 , NP_001177730.1
RefSeq Size:	3693 bp
RefSeq ORF:	2790 bp
Locus ID:	10733
UniProt ID:	O00444
Cytogenetics:	4q28.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	109 kDa



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Gene Summary:

This gene encodes a member of the polo family of serine/threonine protein kinases. The protein localizes to centrioles, complex microtubule-based structures found in centrosomes, and regulates centriole duplication during the cell cycle. Three alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Jun 2010]