

Product datasheet for **MR211205L4V**

Plk4 (NM_011495) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plk4 (NM_011495) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plk4
Synonyms:	1700028H20; AI385771; S; Sak; Stk1; Stk18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011495
ORF Size:	2775 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211205).
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_011495.2 , NP_035625.2
RefSeq Size:	3567 bp
RefSeq ORF:	2778 bp
Locus ID:	20873
UniProt ID:	Q64702
Cytogenetics:	3 B



[View online »](#)

Gene Summary:

This gene encodes a member of the polo family of serine/threonine protein kinases. The protein localizes to the nucleolus during G2, to centrosomes during G2/M, and to the cleavage furrow during cytokinesis. It is required for progression through mitosis, cell survival, and embryonic development. The mouse genome contains a pseudogene similar to this gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]