

Product datasheet for **MR223843L3V**

Cdc14a (NM_001080818) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdc14a (NM_001080818) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdc14a
Synonyms:	A830059A17Rik; Cdc14; CDC14a1; CDC14A2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001080818
ORF Size:	1809 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223843).
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_001080818.2 , NP_001074287.1
RefSeq Size:	4511 bp
RefSeq ORF:	1812 bp
Locus ID:	229776
UniProt ID:	Q6GQT0
Cytogenetics:	3 G1



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Gene Summary:

Dual-specificity phosphatase. Required for centrosome separation and productive cytokinesis during cell division. Dephosphorylates SIRT2 around early anaphase. May dephosphorylate the APC subunit FZR1/CDH1, thereby promoting APC-FZR1 dependent degradation of mitotic cyclins and subsequent exit from mitosis (By similarity). Required for normal hearing (PubMed:29293958).[UniProtKB/Swiss-Prot Function]