

## Product datasheet for **MR218723L4V**

### Cdc25b (NM\_023117) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdc25b (NM_023117) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdc25b
Synonyms:	AI604853
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023117
ORF Size:	1728 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218723).
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_023117.4</a> , <a href="#">NP_075606.1</a>
RefSeq Size:	3139 bp
RefSeq ORF:	1731 bp
Locus ID:	12531
UniProt ID:	<a href="#">P30306</a>
Cytogenetics:	2 63.29 cM



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**Gene Summary:**

Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Directly dephosphorylates CDK1 and stimulates its kinase activity (By similarity).[UniProtKB/Swiss-Prot Function]