

Product datasheet for **MR208257L4V**

Cdc25a (NM_007658) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdc25a (NM_007658) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdc25a
Synonyms:	D9Ertd393e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007658
ORF Size:	1545 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208257).
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_007658.3
RefSeq Size:	3643 bp
RefSeq ORF:	1545 bp
Locus ID:	12530
UniProt ID:	P48964
Cytogenetics:	9 59.81 cM



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Gene Summary:

Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDK1 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro (By similarity). Phosphorylation by PIM1 leads to an increase in phosphatase activity (By similarity).[UniProtKB/Swiss-Prot Function]