

Product datasheet for **MR223434L4V**

Cdc27 (NM_145436) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdc27 (NM_145436) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdc27
Synonyms:	AI452358; APC3; BC023187
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145436
ORF Size:	2475 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223434).
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_145436.2 , NP_663411.2
RefSeq Size:	5783 bp
RefSeq ORF:	2478 bp
Locus ID:	217232
UniProt ID:	A2A6Q5
Cytogenetics:	11 67.79 cM



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Gene Summary:

Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains (By similarity). [UniProtKB/Swiss-Prot Function]