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Product datasheet for RC211148L3V

Cyclin A2 (CCNA2) (NM_001237) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyclin A2 (CCNA2) (NM_001237) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cyclin A2
Synonyms:	CCN1; CCNA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001237
ORF Size:	1296 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC211148).`
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_001237.2
RefSeq Size:	1682 bp
RefSeq ORF:	1299 bp
Locus ID:	890
UniProt ID:	P20248
Cytogenetics:	4q27
Domains:	cyclin_C, CYCLIN, cyclin
Protein Families:	Druggable Genome, Stem cell - Pluripotency

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Protein Pathways: Cell cycle, Progesterone-mediated oocyte maturation

MW: 48.4 kDa

Gene Summary: The protein encoded by this gene belongs to the highly conserved cyclin family, whose members function as regulators of the cell cycle. This protein binds and activates cyclin-dependent kinase 2 and thus promotes transition through G1/S and G2/M. [provided by RefSeq, Aug 2016]