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Product datasheet for RC216519L3V

CDC2L1 (CDK11B) (NM_033488) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDC2L1 (CDK11B) (NM_033488) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDC2L1
Synonyms:	CDC2L1; CDK11; CDK11-p46; CDK11-p58; CDK11-p110; CLK-1; p58; p58CDC2L1; p58CLK-1; PK58
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_033488
ORF Size:	2211 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216519).
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_033488.1, NP_277023.1
RefSeq Size:	2500 bp
RefSeq ORF:	2213 bp
Locus ID:	984
Cytogenetics:	1p36.33
Domains:	pkinase
Protein Families:	Druggable Genome, Transcription Factors

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MW: 85.7 kDa

Gene Summary: This gene encodes a member of the serine/threonine protein kinase family. Members of this kinase family are known to be essential for eukaryotic cell cycle control. Due to a segmental duplication, this gene shares very high sequence identity with a neighboring gene. These two genes are frequently deleted or altered in neuroblastoma. The protein kinase encoded by this gene can be cleaved by caspases and may play a role in cell apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]