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Product datasheet for RC204856L1V

CMPK1 (NM_016308) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CMPK1 (NM_016308) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CMPK1
Synonyms:	CK; CMK; CMPK; UMK; UMP-CMPK; UMPK
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_016308
ORF Size:	684 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204856).
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_016308.1
RefSeq Size:	2956 bp
RefSeq ORF:	687 bp
Locus ID:	51727
UniProt ID:	P30085
Cytogenetics:	1p33
Domains:	ADK
Protein Families:	Druggable Genome

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Protein Pathways: Metabolic pathways, Pyrimidine metabolism

MW: 26 kDa

Gene Summary: This gene encodes one of the enzymes required for cellular nucleic acid biosynthesis. This enzyme catalyzes the transfer of a phosphate group from ATP to CMP, UMP, or dCMP, to form the corresponding diphosphate nucleotide. Alternate splicing results in both coding and non-coding transcript variants. [provided by RefSeq, Feb 2012]