

## Product datasheet for **MR202367L3V**

### **Csnk2b (NM\_009975) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Csnk2b (NM_009975) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Csnk2b
Synonyms:	CK II beta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009975
ORF Size:	645 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202367).
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. <a href="#">More info</a>
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:	<a href="#">NM_009975.3</a> , <a href="#">NP_034105.1</a>
RefSeq Size:	970 bp
RefSeq ORF:	648 bp
Locus ID:	13001
UniProt ID:	<a href="#">P67871</a>
Cytogenetics:	17 18.59 cM



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**Gene Summary:**

This gene encodes the beta subunit of the casein kinase 2 enzyme, which is a heterotetramer comprised of alpha and/or alpha-prime catalytic subunits and two regulatory beta subunits. Casein kinase 2 is involved in the regulation of several cellular processes including gene expression, protein synthesis and cell proliferation. Knockout of this gene in mice leads to embryonic lethality. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2015]