

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for MR202367L3V

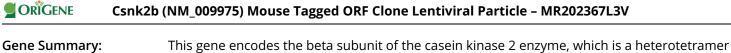
Csnk2b (NM_009975) Mouse Tagged ORF Clone Lentiviral Particle

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. <u>More info</u> |
| 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: | <u>NM 009975.3</u> , <u>NP 034105.1</u> |
| RefSeq Size: | 970 bp |
| RefSeq ORF: | 648 bp |
| Locus ID: | 13001 |
| UniProt ID: | <u>P67871</u> |
| Cytogenetics: | 17 18.59 cM |
| | |



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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]

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