

## Product datasheet for MR202367

### Csnk2b (NM\_009975) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk2b (NM_009975) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csnk2b
Synonyms:	CK II beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202367 representing NM_009975 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTAGCTCTGAGGAGGTGCTCTGGATTTCTGGTTCTGTGGGCTCCGTGGTAATGAATTCTTCTGTG  
AGGTGGATGAAGACTACATCCAGGACAAATTTAATCTTACTGGACTCAATGAGCAGGTGCCTCACTATCG  
ACAAGCTCTGGACATGATCTTAGACCTGGAACCTGATGAAGAGCTGGAAGACAACCCCAACCAGAGCGAC  
TTGATCGAACAGGCAGCTGAGATGCTTTATGGGTTGATCCACGCCGCTACATCCTACCAACCGAGGCA  
TCGCACAAATGTTGAAAAGTACCAGCAGGGAGACTTTGGCTACTGTCTCGTGTATACTGTGAGAACCA  
GCCAATGCTTCTATCGGCCTTTCAGACATCCCAGGCGAGGCCATGGTGAAGCTCTACTGCCCAAGTGC  
ATGGACGTGTACACCCAAGTCTCCAGACACCACACGGACGGCGCATACTTCGGCACTGGTTTCC  
CTCACATGCTCTTCATGGTGATCCAGAGTACCGGCCAAGCGACCTGCCAACCAGTTTGTACCCAGGCT  
CTATGGTTTCAAGATCCATCCAATGGCTTACCAGCTGCAGCTCCAAGCCGCCAGCAACTTCAAGAGCCCA  
GTCAAGACTATTCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_009975.3](#), [NP\\_034105.1](#)

**RefSeq Size:** 970 bp

**RefSeq ORF:** 648 bp

**Locus ID:** 13001

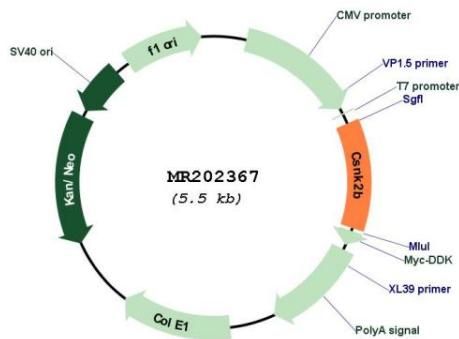
**UniProt ID:** [P67871](#)

**Cytogenetics:** 17 18.59 cM

**MW:** 24.9 kDa

**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]

### Product images:



Circular map for MR202367