

## Product datasheet for RN200276

### Csnk2b (NM\_031021) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk2b (NM_031021) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Csnk2b
Synonyms:	Ck2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200276 representing NM_031021 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGTAGCTCTGAGGAGGTGCCTGGATTTCTGGTTCTGTGGGCTCCGTGGTAATGAATTCTTCTGTG  
AGGTGGATGAAGACTACATCCAGGACAAATTTAATCTTACTGGACTCAATGAGCAGGTGCCTCACTATCG  
ACAAGCCCTAGACATGATCTTGGACCTGGAACCTGATGAAGAGCTGGAAGACAACCCCAACCAGAGTGAC  
TTGATTGAGCAGGCGCCGAGATGCTCTATGGGTTGATCCACGCCGCTACATCCTCACCAACCGGGGCA  
TTGCACAAATGTTGAAAAGTACCAGCAAGGAGACTTTGGCTACTGTCCTCGAGTATACTGTGAGAACCA  
GCCGATGCTTCCCATCGGCCTTTCGGACATCCCAGGAGAGGCCATGGTGAAGCTCTACTGCCCAAGTGC  
ATGGACGTGTACACCCAAGTCTCTAGGCACCACCACCGGATGGCGCATACTTCGGCACTGGTTTCC  
CTCACATGCTCTTCATGGTGCATCCCGAGTACCGGCCAAGCGGCCGCGCCAACCAGTTTGTGCCAGGCT  
CTACGGTTTCAAGATCCATCCAATGGCCTACCAGCTGCAGCTCCAAGCCGCCAGCAACTCAAGAGCCCA  
GTCAAGACGATTCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031021
Insert Size:	648 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_031021.3</a></u> , <u><a href="#">NP_112283.1</a></u>
<b>RefSeq Size:</b>	915 bp
<b>RefSeq ORF:</b>	648 bp
<b>Locus ID:</b>	81650
<b>UniProt ID:</b>	<u><a href="#">P67874</a></u>
<b>Cytogenetics:</b>	20p12
<b>Gene Summary:</b>	regulatory(beta) subunit of casein kinase II; plays a role as a docking site for a subset of CK2 substrates [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.