

Product datasheet for **MR206103**

Csnk2a1 (NM_007788) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk2a1 (NM_007788) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csnk2a1
Synonyms:	Csnk2a1-rs4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206103 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGGACCCGTGCCAAGCAGGGCCAGAGTTTACACAGATGTTAACACACACAGACCCCGAGAGTACT
GGGATTATGAATCACATGTGGTGAATGGGGAATCAAGATGACTATCAGCTTGTTCGAAAATTAGGTAG
GGGCAATACAGTGAAGTGTGAAAGCCATCAACATCACAAATAATGAAAAAGTTGTTGTTAAAATTCTC
AAGCCAGTAAAAAGAAGAAAATAAGCGTGAAATAAAGATTTTGGAGAATTTGAGAGGTGGCCCAACA
TCATCACACTTGCAGACATTGTAAGACCCCTGTGTCACGAACCCCTGCCTTGGTTTTGAAATGTAAA
CAACACAGACTTCAAGCAATTGTACCAGACGTTAACAGACTATGACATTCGATTTACATGTATGAAATT
CTGAAAGCCCTGGATTATTGTCACAGCATGGGGATTATGCACAGAGATGTGAAACCCCATATGTATGA
TTGATCATGAGCAGAAAGCTTCGGCTAATAGACTGGGGTTTAGCTGAGTTTTACCATCCAGGCCAAGA
GTATAATGTCCGAGTTGCTTCTCGATATTTCAAAGGTCCAGAGCTACTTGTAGATTATCAGATGTACGAT
TATAGTTTGGATATGTGGAGCTTGGTTGTATGCTGGCCAGTATGATCTTCCGGAAGGAGCCATTTTCC
ATGGACATGACAATTATGATCAGTTGGTGGAGTAGCCAAGTTCTGGGAACAGAAGATTTATATGACTA
TATTGACAAGTACAACATTGAATTAGATCCACGTTTCAACGATATCTTGGCAGACACTCCCGTAAGCGA
TGGGAACGCTTTGTCCACAGTAAAACCCAGCATCTTGTGACGCCCTGAGGCCTTGGATTTTCTGGACAAGC
TGCTTCGATATGACCACAGTCACGGCTCACTGCAAGAGAGGCCATGGAGCACCCCTACTTCTACACTGT
TGTGAAGGACCAGGCTCGAATGAGTTCCACTAGCATGGCAGGGGGCAGCACACCTGTCAGCAGCGCAAT
ATGATGTCAGGGATTTCTTCAAGTCCAACCTCCTTCAACCCCTTGGACCTCTGGCAGGCTCACCAGTGATTG
CCGCTGCCAACTCACTTGGGATACCTGTTCCAGCTGCTGCTGGCGCTCAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_007788.3](#), [NP_031814.2](#)

RefSeq Size: 4208 bp

RefSeq ORF: 1176 bp

Locus ID: 12995

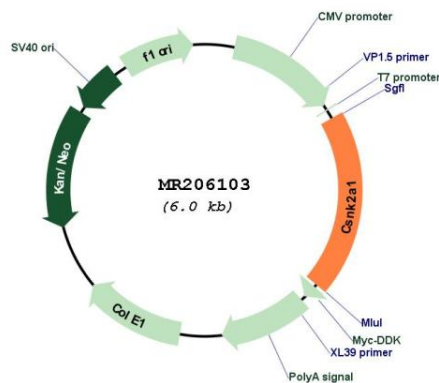
UniProt ID: [Q60737](#)

Cytogenetics: 2 G3

MW: 45.1 kDa

Gene Summary: Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythms. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. [provided by RefSeq, Feb 2014]

Product images:



Circular map for MR206103