

Product datasheet for **RR213752**

Csnk1g1 (NM_022288) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk1g1 (NM_022288) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csnk1g1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR213752 representing NM_022288 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACCATTCTAATAGAGAAAAGGATGATAGACAACGGACAACAAAACCATGGCACAAGGAATACAC
ACTGTTCCCGACCATCTGGCACTTCAACATCCTCTGGGGTTCTCATGGTGGGACCAACTCAGGGTTGG
CAAGAAGATAGGGTGTGGGAACCTCGGAGAGCTCAGATTAGTAAAAATCTCTACACCAATGAATATGTA
GCCATTAACCTGGAACCAATAAAATCACGTGCTCCACAACCTTCATTTAGAGTACAGGTTTTATAAACAGC
TCGGCAGTGCAAGTGAAGGTCTCCACAGGTTTATTACTTTGGACCATGTGGGAAGTACAATGCCATGGT
GCTGGAACCTCTCGGCCCTAGCTTGAAGACTTGTGGACCTCTGTGACCGAACGTTTACTTTGAAGACG
GTGTTAATGATAGCCATCCAGTTGCTTTCTCGAATGGAGTATGTACACTCAAAGAATCTCATTTACCGAG
ATGTCAAACCAGAGAACTTCTTAATTGGCCGACAAGGCAATAAGAAAGAGCATGTAATACACATTATAGA
TTTTGGACTGGCCAAGGAATACATTGATCCTGAAACCAAAAAACACATACCTTACAGAGAGCACAAAAGC
TTAACTGGAACCTGCGGATACATGTCTATCAACACACATCTAGGCAAAGAGCAAAGCCGGCGGGATGATT
TGGAAGCCCTGGGCCATATGTTTACTTCTCGAGGAGCCTACCCTGGCAAGGACTCAAGGCTGA
TACATTAAGAGAGATATCAGAAAATGGTGATACAAAAGGAGTACTCCATCGAAGCTCTGTGAG
AACTTTCCAGAGGAGATGATGACCTACCTTCGATATGTCAGGAGATTAGACTTTTGA AAAACCTGATT
ATGAGTATTTACGGAACCTCTTACAGATCTGTTTGAACGAAAGGCTATACTTTGACTATGCCTATGA
TTGGGTTGGAAGGCTATTCTACTCCAGTAGGATCAGTTCATGTAGATTCTGGTGCATCTGCAATAACT
CGAGAAAGCCACACACAGGGATCGACCATCACAAACAGCCTCTTAGAAATCAGCCAAGATCTTTAA
CAGCAGAGTGGTTTGTGCTGGCTCCCTTTCCACCTCCAGCACCACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MDHSNREKDDRQRTTKTMAQRNTHCSRPSGTSTSSGVLVGPVNFVGVGKKGCGNFGELRLGKNLYTNEYV
 AIKLEPIKSRAPQLHLEYRFYKQLGSAGEGLPQVYVYFGPCGKYNAMVLELLGPSLEDLFDLCDRTFTLKT
 VLMIAIQLLSRMEYVHSKNLIYRDVKPENFLIGRQGNKKEHVIHIDFGLAKEYIDPETKKHPIPYREHKS
 LTGTARYMSINTHLGKEQSRDDLEALGHMFMYFLRGSPLWQGLKADTLKERYQKIGDTRKSTPIEALCE
 NFPEEMTYLRYVRRDLDFEKPDPYEYLRNLFDTLFEKGYTFDYAYDWVGRPIPTVGVSVHVDSGASAIT
 RESHTHRDRPSQQQLRNQPRSLTAEWFLAPLSHPPAPT

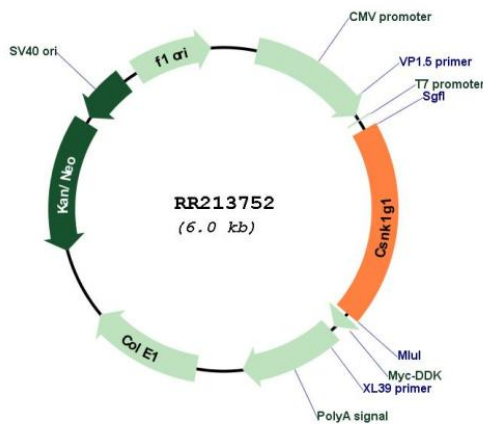
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_022288

ORF Size:	1170 bp
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">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_022288.1 , NP_071624.1
RefSeq Size:	1648 bp
RefSeq ORF:	1173 bp
Locus ID:	64086
UniProt ID:	Q62761
Cytogenetics:	8q24
MW:	45.1 kDa
Gene Summary:	monomeric protein kinase; expressed only in testis [RGD, Feb 2006]