

Product datasheet for **MC218572**

Csnk1g1 (BC064645) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk1g1 (BC064645) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csnk1g1
Synonyms:	9130020E21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC064645 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACCATTCTAATAGGGAAAAGGATGATAGACAACGGACAACAAAACCATGGCACAAAGGAATACAC
ACTGTTTCGAGACCATCTGGCACTCAACATCCTCTGGGGTTCATGGTGGGACCAACTCAGGGTTGG
CAAGAAGATAGGGTGTGGGAACCTCGGAGAGCTCAGATTAGGTAATACTCTACACCAATGAATATGTA
GCCATTAACCTGGAACCAATAAAATCACGTGCTCCACAACCTCATTAGAGTACAGGTTTTATAAACAGC
TTGGCAGTGCAGGTGAAGGCCTCCACAGGTTTATTACTTTGGACCATGTGGGAAGTACAATGCCATGGT
GCTGGAACCTCTTGGCCCTAGCTTGAAGACTTGTGGACCTCTGTGACCGAACGTTTACTTTGAAGACG
GTGTTAATGATAGCCATCCAGTTGCTTTCTCGAATGGAGTATGTACACTCAAAGAATCTTATTTACCGAG
ATGTCAAACCAGAGAACTTCTTGATTGGCCGACAAGGCAATAAGAAAGAGCATGTAATACACATTATAGA
TTTTGGACTGGCCAAGGAATATGTTGATCCTGAAACCAAAAAACACATACCTTACAGAGAGCACAAAAGT
TTGACTGGAACCTGCGAGATACATGTCTATCAACACACATCTAGGCAAAGAGCAAAGCCGGCGAGATGATT
TGAAGCCTTAGGCCATATGTTTCACTTCTCCGAGGCAGCTACCCTGGCAAGGACTCAAGGCTGA
TACATTAAGAGAGATATCAAAAAATCGGTGATACCAAAAGGAATACTCCATCGAAGCTCTCTGTGAG
AACTTTCCAGAGGAGATGGCAACCTACCTTCGATATGTCAGGCGATTAGACTTCTTTGAAAAACCTGATT
ATGAGTATTTACGGACCCTTTCACAGATCTGTTTGAACGGAAAGGCTATACCTTTGACTATGCCTATGA
TTGGGTTGGAAGGCCTATTCCTACTCCAGTAGGATCAGTTCATGTAGATTCTGGTGCATCTGCAATAACT
CGAGAAAGCCACACACAGGGATCGGCCATCACAAACAGCCTCTTAGAAATCAGGTGGTTAGCTCAA
CCAATGGAGAGCTGAATGTCGATGACCCCACTGGAGCTCACTCCAATGCACCAATCACAGCTCATGCCGA
AGTGGAGGTAGTGGAGGAAGCTAACTGCCTGAAAATGCTCAACCTGTGGTGTCTGTTTCTTAAGAGG
AAAAGGAAGAAGACAGCCAGCGACACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	BC064645
Insert Size:	1293 bp
OTI Disclaimer:	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).
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:	BC064645 , AAH64645
RefSeq Size:	5178 bp
RefSeq ORF:	1292 bp
Locus ID:	214897
Cytogenetics:	9 C
Gene Summary:	Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CLSPN (By similarity). Regulates fast synaptic transmission mediated by glutamate.[UniProtKB/Swiss-Prot Function]