

Product datasheet for MC211066

Csnk1g3 (NM_152809) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk1g3 (NM_152809) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csnk1g3
Synonyms:	3300002K07Rik; C330049O21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211066 representing NM_152809 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATAATAAAAAGAAAGACAAGGACAAATCAGATGATAGAATGGCACGGCCAGTGGTCGGTCAGGGC
ACAGACTCGAGGAAGTGGTCTTCTTCATCTGGAGTTTTAATGGTTGGACCTAACTTTAGAGTTGGGAA
AAAAATCGGATGTGGCAATTTGGAGAATTACGATTAGGGAAAAATTTATACACAATGAATATGTGGCG
ATTAAACTGGAGCCCATGAAATCCAGAGACCACAGCTGCATTTGGAATACAGATTCTATAAGCAGTTAG
GATCTGGAGATGGTATACCTCAAGTTTACTATTTTGGCCCTTGTGGTAAATACAACGCGATGGTGTGGA
ACTGCTGGGACCGAGTTTGGAGGATTTGTTTGACCTCTGTGATAGAACATTTTCTCTTAAAAACAGTTCTC
ATGATAGCTATACAGCTGATTTCTCGTATGGAGTATGTCCACTCAAGAAGTGTATACAGAGATGTGA
AGCCTGAGAACTTCTTAATAGGACGGCCAGGAAACAAAGCCAGCAAGTCATTTCATATCAGATTTTGG
TTTGGCAAAGGAATATATTGATCCAGAGACAAAGAAACATATACCATACAGAGAACAAAAAGCCTTACC
GGAACCGCCAGATACATGAGCATAAACACACATCTAGGAAAAGAGCAGAGTAGAAGAGATGATTTAGAAG
CCTTAGGCCACATGTTTCATGACTTCTGAGAGGCAGTCTTCTTGGCAAGGCTTAAAGGCTGACACATT
AAAAGAGAGGTATCAGAAAATTGGAGACAAAACGAGCCACACCAATAGAAGTGTGTGTGAGAACTTC
CCAGAAGAAATGGCAACGTATCTCCGTTACGTACGAAGGCTGGATTTTTTTGAAAAGCCAGACTATGATT
ACCTAAGAAAGCTTTTTACTGACTTGTGTTGATCGAAAAGGGTATATGTTTGATTGAATATGACTGGAT
TGGTAAACAGTTGCCTACTCCAGTAGGTGCAGTTCAGCAAGACCTGCTCTGTCTCAAACAGAGAAGCA
CACCAACACAGAGATAAGATACAGCAGTCTAAAAACCAGTTGTAAGTTCTACAATGGAGAGCTGAACA
CGGATGACCCACGGCAGGACGGTGAATGCACCCATTACAGCTCTACAGAAGTGAAGTGTGGACGA
GACAACTGCCAGAAAGTATTGAATATGTGGTGTCTGTTTTTTCAAACGAAGGAAAAGGAAAACCATA
CAACGTACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_152809
Insert Size:	1275 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:	<u>NM_152809.2</u> , <u>NP_690022.2</u>
RefSeq Size:	4394 bp
RefSeq ORF:	1275 bp
Locus ID:	70425
UniProt ID:	<u>Q8C4X2</u>
Cytogenetics:	18 D1
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 (By similarity). Regulates fast synaptic transmission mediated by glutamate.[UniProtKB/Swiss-Prot Function]