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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC211066 representing NM_152809
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATAATAAAAAGAAAGACAAGGACAAATCAGATGATAGAATGGCACGGCCCAGTGGTCGGTCAGGGC
ACAGCACTCGAGGAACTGGGTCTTCTTCATCTGGAGTTTTAATGGTTGGACCTAACTTTAGAGTTGGGAA
AAAAATCGGATGTGGCAATTTTGGAGAATTACGATTAGGGAAAAATTTATACACAAATGAATATGTGGCG
ATTAAACTGGAGCCCATGAAATCCAGAGCACCACAGCTGCATTTGGAATACAGATTCTATAAGCAGTTAG
GATCTGGAGATGGTATACCTCAAGTTTACTATTTTGGCCCTTGTGGTAAATACAACGCGATGGTGCTGGA
ACTGCTGGGACCGAGTTTGGAGGATTTGTTTGACCTCTGTGATAGAACATTTTCTCTTAAAACAGTTCTC
ATGATAGCTATACAGCTGATTTCTCGTATGGAGTATGTCCACTCAAAGAACTTGATATACAGAGATGTGA
AGCCTGAGAACTTCTTAATAGGACGGCCAGGAAACAAAGCCCAGCAAGTCATTCATATCATAGATTTTGG
TTTGGCAAAGGAATATATTGATCCAGAGACAAAGAAACATATACCATACAGAGAACACAAAAGCCTTACC
GGAACCGCCAGATACATGAGCATAAACACACATCTAGGAAAAGAGCAGAGTAGAAGAGATGATTTAGAAG
CCTTAGGCCACATGTTCATGTACTTCCTGAGAGGCAGTCTTCCTTGGCAAGGCTTAAAGGCTGACACATT
AAAAGAGAGGTATCAGAAAATTGGAGACACAAAACGAGCCACACCAATAGAAGTGTTGTGTGAGAACTTC
CCAGAAGAAATGGCAACGTATCTCCGTTACGTACGAAGGCTGGATTTTTTTGAAAAGCCAGACTATGATT
ACCTAAGAAAGCTTTTTACTGACTTGTTTGATCGAAAAGGGTATATGTTTGATTATGAATATGACTGGAT
TGGTAAACAGTTGCCTACTCCAGTAGGTGCAGTTCAGCAAGACCCTGCTCTGTCATCAAACAGAGAAGCA
CACCAACACAGAGATAAGATACAGCAGTCTAAAAACCAGGTTGTAAGTTCTACAAATGGAGAGCTGAACA
CGGATGACCCCACGGCAGGACGGTCGAATGCACCCATTACAGCTCCTACAGAAGTGGAAGTGATGGACGA
GACAAACTGCCAGAAAGTATTGAATATGTGGTGCTGCTGTTTTTTCAAACGAAGGAAAAGGAAAACCATA
CAACGTCACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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:
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_152809.2, NP_690022.2

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RefSeq Size:	4394 bp
RefSeq ORF:	1275 bp
Locus ID:	70425
UniProt ID:	Q8C4X2
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]

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