

Product datasheet for MC218415

Csnk1g3 (BC033601) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csnk1g3 (BC033601) 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: >BC033601

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGCTGGAAGTCTGGGACCGAGTTGGAGGATTTGTTTGACCTCTGTGATAGAACATTTTCTCTTA
AAACAGTTCTCATGATAGCTATACAGCTGATTTCTCGTATGGAGTATGTCCACTCAAAGAAGCTTGATATA
CAGAGATGTGAAGCCTGAGAAGTTCTTAATAGGACGGCCAGGAAACAAAGCCAGCAAGTCAATCATATC
ATAGATTTTGGTTTGGCAAAGGAATATATTGATCCAGAGACAAAGAAACATATACCATACAGAGAACACA
AAAGCCTTACCGAACCAGATACATGAGCATAAACACACATCTAGGAAAAGAGCAGAGTAGAAGAGA
TGATTTAGAAGCCTTAGGCCACATGTTTCACTTCTGAGAGGCGAGTCTTCTTGGAAGGCTTAAAG
GCTGACACATTAAGAGAGGATATCAGAAAATTGGAGACACAAAACGAGCCACACCAATAGAAGTGTGT
GTGAGAAGTCCAGAAAGAAATGGCAACGTATCTCCGTTACGTACGAAGGCTGGATTTTTTTGAAAAGCC
AGACTATGATTACCTAAGAAAGCTTTTTACTGACTTGTGTTGATCGAAAAGGATATGTTTGATTATGAA
TATGACTGGATTGGTAAACAGTTGCCTACTCCAGTAGGTGCAGTTCAGCAAGACCCTGCTGTGCATCAA
ACAGAGAAGCACCAACACAGAGATAAGATACAGCAGTCTAAAACAGGTTGTAAGTTCTACAAATGG
AGAGCTGAACACGATGACCCACGGCAGGACGGTCAATGCACCCATTACAGCTCTACAGAAAGTGGAA
GTGATGGACGAGACAACTGCCAGAAAGTATTGAATATGTGGTGTGCTGTTTTTTCAAACGAAGGAAAA
GGAAAACCATACAACGTCAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC033601
Insert Size: 3166 bp



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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:	BC033601 , AAH33601
RefSeq Size:	3273 bp
RefSeq ORF:	935 bp
Locus ID:	70425
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]