

Product datasheet for **MC205678**

Csnk1d (NM_139059) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk1d (NM_139059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csnk1d
Synonyms:	1200006A05Rik; AA409348; D930010H05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004604
 GCGATGGCGGGCTCCTTTAGGCAGCTGAAGGGGATTTAGGCCCGGAAGATCCGAGTCCATCCGCGGC
 GGGGAGAGGGCGAGCGGGGCCGGCAAGGGCCGGAGCAGCGGGCGGCGCTCGGACTGTCCCATCCGCC
 CGTATTGAGGCGCTGAGAGCGACGGGGCACCAGAAAGCGATGGTGAAAGCGGGCCGTGAGGGGGCGG
 AGTCGGACCGGACCCGACGTAGCGGCAGCAGCGGGCCGCTCCCGAGCGCAGACCCAGGAAGCGGCC
 GGCGGGCAGTAGCGAGCCGACCGCTGCCATGGAGCTGAGGGTCGGGAACAGTACCGACTGGGCGCAA
 GATCGGCAGCGGCTCCTTCGGAGACATCTATCTCGGTACGGACATTGCTGCGGGAGAAGAAGTTGCCATC
 AAGCTTGAATGTGTCAAACCAAACATCCTCAGCTCCACATTGAGAGCAAGATCTACAAAATGATGCAGG
 GAGGAGTGGGCATCCCTACCATCAGATGGTGTGGGGCTGAGGGGGACTACAATGTCATGGTGATGGAGCT
 ACTGGGACCCAGCCTGGAAGACCTGTTCAACTTCTGTTCAAGGAAGTTTAGTCTCAAACCTGTTCTGTTG
 CTTGCTGACCAAATGATAAGTCGATTGAGTACATTCATTGGAAGATTTATCCACCGAGATGTGAAGC
 CAGATAACTTCTCATGGGGCTGGGAAAGAAAGGCAACCTGGTCTACATCATTGACTTTGGGCTGGCCAA
 GAAGTATCGGGATGCACGCACCCACCAGCATATCCCCTATCGAGAGAACAAGAACCTCACAGGGACAGCA
 CGTATGCCTCCATCAACACGCACCTTGGCATTGAACAATCTCGAAGGGATGACTTGAGTCTCTGGGGT
 ACGTGCTGATGTACTTCAACCTGGGCTCTCTCCCCTGGCAGGGGTGAAGGCCGCCACCAAGAGGCAGAA
 GTATGAGAGGATCAGTGAGAAGAAGATGTCCACTCCCATTGAAGTGTGTGCAAGGGCTATCCTTCTGAA
 TTTGCCACATACCTGAATTTCTGCCGTTCTTACGTTTTGATGACAAACCTGACTACTCCTACCTGAGAC
 AGCTCTTCAGAAATCTGTTCCATCGCCAAGGCTTCTCCTACGACTATGTGTTGACTGGAACATGCTCAA
 ATTTGGTGCCAGCCGGGCTGCAGATGATGCTGAGCGGGAACGCCGGGATCGAGAAGAACGATTAAGACAC
 TCCCGGAATCCAGCCACTCGTGGCCTCCCTTCTACAGCTTCCGGCCGTCTGCGGGGAACCCAGGAAGTGG
 CTCCCCAACGCCCTTACCCCTACCTCACACAGGCCAACACCTCTCCGAGGCTGTCTCTGGCATGGA
 ACGAGAACGAAAGTGAGTATGCGGCTGCACCGTGGGGCCCCAGTCAACGTCCTCATCTGATCTCAGC
 GGCCGACAAGATACCTCTCGCATGTCCACCTCACAGATTCCCGTGGGGTGGCTTCCAGTGGTCTTCAGT
 CTGTCGTGCACCGATGAGAACTCTCCTTTTTGCTGTGAAGGGCAGACAATGCATGGCTGATCTACTCTGT
 TACCAATGGCTTTACTAGTGACACGCCCCCGGTCTAAACCCGAAATGTTAACGCCGGGAGCTCTCCAGG
 CCACTCACCCAGCGATGCACATGGGGAATCAAACACAACTAAATGGACAGGCTCCAAGAGCTGCCATC
 GCCAGGGGCTGCCACCGTGGCCCGTGTGAGCTCAGTTATCATGGGGCTGGGACGAAGAGCAGAGGCTGG
 GAGACCATTGCAGAGAGAACCCGACTCCCTGTGAAGAGCCTCTCAGCTCCACCAAGTGGTGGCGGACCTG
 CGCTCCCTGATGATCCCACCGCAGCTACCAGTCTTCTACTTGGTTAAGACAGTTTTGTATCATTTTGCTA
 AAAATTACTGGCTTAAATCTGTGTAAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_139059

Insert Size: 1248 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: [BC004604](#), [AAH04604](#)

RefSeq Size: 2005 bp

RefSeq ORF: 1248 bp

Locus ID: 104318

UniProt ID: [Q9DC28](#)

Cytogenetics: 11 E2

Gene Summary: This gene encodes a member of the casein kinase I (CKI) family of serine/threonine protein kinases. A highly similar human protein regulates an array of cellular processes by influencing the Wnt and hedgehog signaling pathways. The encoded protein may also be involved in the regulation of apoptosis, circadian rhythm, microtubule dynamics, chromosome segregation, and p53-mediated effects on growth. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) encodes the longer isoform (1).