

## Product datasheet for **RN208687**

### Csnk1d (NM\_139060) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Csnk1d (NM\_139060) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Csnk1d  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN208687 representing NM\_139060  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCTGAGGGTCGGGAACAGGTACCGACTGGGCCGAAGATCGGCAGCGGCTCCTTCGGAGACATCT  
ATCTCGGTACGGACATTGCTGCAGGAGAAGAAGTTGCCATCAAGCTTGAATGTGTCAAACCAAACATCC  
TCAGCTCCACATTGAGAGCAAGATCTACAAAATGATGCAGGGAGGAGTGGGCATCCCTACCATCAGATGG  
TGTGGGGCTGAGGGGACTACAATGTCATGGTGTGGAGCTACTGGGACCCAGCCTGGAAGACCTATTCA  
ACTTCTGTTCAAGGAAGTTTAGTCTCAAACACTGTTCTGTTGCTTGTGACCAAATGATAAGTCGATTGA  
GTACATTCATTGAAGAATTTTATCCACCAGACGTGAAACCAGATAACTTCCTCATGGGGCTGGGAAAG  
AAAGGCAACCTGGTCTACATCATTGACTTTGGGCTGGCCAAGAAGTATCGGGATGCCCGCACCCACCAGC  
ATATCCCCTATCGAGAGAACAAGAACCTCACAGGGACAGCAGCTATGCCTCCATCAACACACACCTTGG  
CATTGAACAATCTCGAAGGGATGACTTGGAGTCTCTGGGGTACGTGCTGATGTACTTCAACCTGGGCTCT  
CTCCCCTGGCAGGGGCTGAAGGCCGCCACCAAGAGGCAGAAGTATGAGAGGATCAGTGAGAAGAAGATGT  
CCACTCCAATTGAAGTGTGTGCAAGGGCTATCCTTCTGAATTTGCCACATACCTGAATTTCTGCCGTTT  
CTTACGTTTTGATGACAAACCTGACTACTCCTACCTGAGACAGCTTTCAGAAATCTGTTCCATCGCCAG  
GGCTTCTCCTACGACTATGTGTTGACTGGAACATGCTCAAATTTGGTGCCAGCCGGGCTGCAGATGATG  
CTGAGCGGGAACGCCGGGACCGAGAAGAACGATTAAGACACTCCCAGCAATCCAGCCACTCGTGGCCTCCC  
TTCTACAGCTTCCGGCCGTCTGCGGGGAACCCAGGAAGTGGTCCCCCAACGCCCTTACCCCTACCTCA  
CATACGGCCAACCTCTCCTAGACCCGTCTGCGATGGAACGAGAACGAAAGTGAAGTATGCGGCTGC  
ACCGTGGGGCCCCAGTCAACGTCTCCTCATCTGATCTCACGGGCCGACAAGATACCTCTCGCATGTCCAC  
CTCACAGATTCGGTTCGGTGGCTTCCAGTGGTCTTCACTGTCTGCTGCACCGA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_139060
<b>Insert Size:</b>	1248 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_139060.3</a></u> , <u><a href="#">NP_620691.2</a></u>
<b>RefSeq Size:</b>	3646 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	64462
<b>UniProt ID:</b>	<u><a href="#">Q06486</a></u>
<b>Cytogenetics:</b>	10q32.3
<b>Gene Summary:</b>	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. [provided by RefSeq, Feb 2014]