

## Product datasheet for RN217628

### Cdk13 (NM\_001271296) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cdk13 (NM\_001271296) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cdk13  
**Synonyms:** Cdc2l5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217628 representing NM\_001271296  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCCGAGCAGCTCGGACACGGCGCTGGGGGGAGGCGGGGCTGAGCTGGGCCGAGAAGAAGTTGGAGG  
 AGCGCCGCAAGCGGAGGGGATTCTGTCCCTCAGCAGCCGCGCTGCTGTTGCCCTCTGCAGCCGCA  
 GCTCCTGCAACCGCCGCCCGCCCGCTCTGCTTCTCTGGTGCCTCCGCGCGGGCCGCCCGCGCA  
 GCCGCGCGCCGCGGCCCTCCTCCTCTGCTTACGCCCGGGCCCTCTTTGGAGGTCAAGCGGCTGGCGA  
 GAGGCAAGAGGGCCCCGGAGGGCGGCAGAAGCGGCGCCGCGGGCCCCGCGCCGGCAGGAGGCGGAGAA  
 GCGCCGGGTCTTCTCGTGCCTCAGCCAGCGCAGCAGGACGGCGGTGGCGGTGCCAGTAGCGCGGGGTGTG  
 ACCCCGCTGGTGGAGTATGAGGATGTAAGCTCCAGTCCGAGCAGGGGCTGCTGCTGGGGGGCGCCAGCG  
 CGGCAACGGCGGGCAGCGGCTGCCGGGGAAACGGGGGCAACGGCGGGAGTCCGGCCTCCTCCTCCGGCAC  
 GCAGAGGCGCGCGGAGGGGTGACGCGCAGGCCGCGCGGGACC GCCGCAGCAGCAGCGGTTCGAGTAAG  
 GAGCGCCATCGCGAGCACCGCGCGGGGACGGGACGCGCAGTGGCAGCGAGGCCCTCAAAGCCCCGACGCC  
 GCCACGGACACAGCGGCGAGGAGCGGGCCGAGGCCGCAAGAGCGGCAGTAGCAGCAGCAGCGCGGCCG  
 CCGCAAAAGTGATCGGCTACGTCCAGCAGTAGTAGCAGCCGCAAGGATCGGGACCTCAAGGCCCATCGC  
 AGCCGGACTAAGTCGTCCAAGGAGCGCCCTCGGCCTACAAGGAGCCGCCAAGGCCCTACCGGGAGGACA  
 AGAGCGAACC GAAGGCCCTACAGGCGGCGCAGCGGTCCCTGAGCCGCTGGGAGGCCGGGACGAAAGCCC  
 GGTGTCCACAGGGCCTCGCAGAGCCTCCGGAGCCGCAAGTCCCCAGCCCGGGGAGGTGGCAGCAGT  
 CCCTATTCGCGCGGTTGCCGCGCTCCCCGAGCCCTACAGCCGGCGCCGCTCGCCAGCTACAGCCGCC  
 ACAGCTCTACGAGCGGGCGGCGACGTATCCCCAGCCCGTACAGCAGCAGCAGCTGGCGGCGCTCGG  
 CAGTCCCTACAGTCCAGTACTCAGACGATCTGCCAAATCCCGAAGCAGAAGCCCCATTTCATCTAGGCAC  
 TCAAGATCTCGTAGCAGGCACAGATTGTCTAGATCCCGAAGTCGTCATTCAAGCATTCTCTAGCACAC  
 TAACTCTGAAGAGTAGCCTGGCAGCTGAATTAACAAGAATAAAAAGGCACGAGCTGCAGAGGCAGCAAG  
 AGCTGCAGAGGCAGCAAAGCTGCAGAAGCTGTAAGGCTGCTGAGGCAGCTGCCAAAGCTGCAAAAGCC  
 TCTAGTGTCTTCTACACCTACCAAGGGAAACACAGAAACTGGTGCCAGTGTCTCACAGACAAACCATGTGA



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AGGAAGTCAAAAACTTAAACTGAGCATGCACCTTCTCCTTCAAGTGGTGGGACTGTCAAAAGTGACAA  
 GACAAAAACAAAGCCACCGCTTCAAGTAACAAAAGTAGACAATAATTTGATTGTAGAGAAAGCTACCAAG  
 AAAACAGTTGTTGGGAAAGAGAGTAAACCTGCTGCTACAAAGGAAGAACCAGTGTCTACTAAAGAGAAAA  
 CCAAGCCACTCACACCAAGTGTAGGAGCCAAGGAGAAGGAGCAACATGTGGCTTGTAGTACCTCTACATT  
 ACCACCATTACCTTTGCCTCCCATGTTGCCTGAAGATAAAGATGCTGATAGTTTAAAGAGGCAATATTTCT  
 GTAAAAGCAGTTAAAAAGAAGTAGAAAAGAACTCCGGTGTCTGCTTGTGATTACCATTGCCCCCTG  
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 AAGAAGGCCTAAAATATGTGGCCCTCGCTATGGTGAAATCAAAGAAAAAGATATTGACTGGGGAAACGC  
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 ACAAAGACACTGGAGAAATGGTAGCCTTAAAGAAAGTACGTCTGGATAATGAAAAGGAGGGTTTCCCAAT  
 TACAGCAATTAGAGAAATTTAAATTTCTTCGGCACTTACCCATCAGAGTATCATCAATATGAAGGAAATA  
 GTGACTGATAAAGAAGATGCTTTGGATTTTAAAGAAAGACAAAGGTGCATTTTACCTGGTGTGTAATATA  
 TGGACCATGATCTGATGGGACTGCTGGAGTCAGGCTTGGTTCATTTTAAAGAAACCATATAAAATCTTT  
 TATGAGACAGCTCATGGAAGGCCTGGATTATTGTCATAAGAAGAACTTTTGCACAGAGATATAAATGT  
 TCAAATATCCTTCTAAATATAGAGGACAGATAAAACTTGCAGATTTTGGACTTGTCTGTTATATAGCT  
 CAGAAGAAAGCCGTCCATATACTAACAAGGTCATTACTTTGTGGTATCGTCCACCTGAACGTCTCTGGG  
 AGAAGAACGATATACACCGGCCATTGATGTATGGAGCTGTGGATGTATCCTTGGGAACTCTTCACTAAA  
 AAGCCTATATTTCAAGCAAACCGAAGCTTGCACAACAGAGCTAATAAGTCGTATATGTGGGAGTCCGT  
 GTCCTGCAGTATGGCCTGATGTAATCAAAGTCCATATTTCAACACCATGAAACCAAAGAAGCAATATCG  
 GCGGAAGTTAAGAGAAGAGTTTGTTTTTATCCCTGCAGCTGCACTCGACTTATTTGATTACATGCTTGCC  
 TTGGATCCCAGTAAGCGCTGCACTGCCGAGCAGGCTCTCAGTGTGAGTTCCTGCGAGACGTGGAACCT  
 CCAAAATGCCTCCACCAGACCTTCTTTTGTGGCAAGATTGTCATGAATTATGGAGTAAAAAGAGAAGAAG  
 ACAGAAACAGATGGGCATGACTGATGATCTTTCCACAATCAAAGCCCCAGAAAGGACTTGTCTCTGGGC  
 TTAGATGACAGCAGAAGTACACGCCCCAGGGTGTGCTGCCACCTGCACAGCTAAAGTCTCAGAACAGCT  
 CCAAGTGGAGCACCTGGTAAAAACAGACAGATCCATCAACACCACAACAGGAGTCTTCAAAATCATTGGG  
 AGGAGTTCAGCCTTACAGAGCATCCAGCCTAAAGTGGAACTGACGCTGCGCAGGCTGCAGTGCAGAGT  
 GCATTTGCAGTCTCCTGACTCAGTTAATAAAGGCCAGCAGTCAAAACAGAAAGATGCCATGCTGGAGG  
 AGAGGGAGAATGGATCAGGACATGACGCTCCAGTGCACCTCAGGCCGCCTCCAGAACCCAGCACTCTGC  
 CTCTGGGCAAGATGACCTCATCCAACACCAAGACAGGAGGATATTGGAGCTGACACCAGAGCCAGAGCGG  
 CCTCGGATTCTGCCTCCTGATCAACGACCTCCTGAACCTCCTGAACCACCACCAGTCACTGAGGAGGACC  
 TGGATTATCGGACAGAAAACAGCATGGACCTACTACTAGTTCTTCAATTAAGTACCCACATGCTGGAGT  
 GAAGGCAGCCCTTACAGCTGCTTGTCAACATCAGCCCCAGGATGATCCCAAAAGAGAAGGTGGTATT  
 GATTATTTCCACAGGAGACACGTACGTGCCAGTTCAGACTATAAAGACAACCTTTGGAGCGTCTTTCTCTG  
 CCGCCCTTATGTGAGCAGTGTGGTCTGGGGAGTAGCTCTGCTGCTGCACCGTTGGAGGCGCGCAGTTT  
 CATCGGAACTCAGATATTCAGTCTCTGGATAACTACAGTACTGCTTCATCTCACACTGGTGGTCCACCT  
 CAGACTTCTGCCTTACCAGTCAATTTCCAGTTCAGTAGCTGGATACGGAGACATTTACCTCAATGCTG  
 GTCCCATGCTGTTTAGTGGAGACAAGGACCATAGATTTGAGTACAGCCATGGTCTATCACGGTCTCAC  
 AAACAGCAGTACCCCTTCCACAGGGCCGGAGAGTACTACCCCTTGCAGCAAAGATACACAACATAAAC  
 TATGGTGGTAACCTACAGGAAAAATCCAGGTGGCCCCAGCCTCATGCATGGACAGACCTGGACTTCTCCTG  
 CCCAAGGACCTGGATACTCAAGGATACAGGGGACACATTAGCACATCAGCTGGCAGAGGTCGAGGCGAG  
 AGGGTTACCATAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271296  
**Insert Size:** 4356 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001271296.1</a></u> , <u><a href="#">NP_001258225.1</a></u>
<b>RefSeq Size:</b>	5944 bp
<b>RefSeq ORF:</b>	4356 bp
<b>Locus ID:</b>	306998
<b>Cytogenetics:</b>	17q11