

## Product datasheet for RN217648

### Cdk13 (NM\_001271295) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cdk13 (NM\_001271295) 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:** >RN217648 representing NM\_001271295  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCGAGCAGCTCGGACACGGCGCTGGGGGAGGCGGGGCCTGAGCTGGGCCGAGAAGAAGTTGGAGG  
 AGCGCCGAAGCGGAGGGGATTCTGTCCCTCAGCAGCCGCGCTGCTGTTGCCCTCTGCAGCCGCA  
 GCTCCTGCAACCGCCGCCCGCCCGCTCTGCTTCTCTGGTGCCTCCGCGCGGGCCGCCCGCA  
 GCCGCCGCCGCCCGGCCCTCCTCCTCTGCTTACGCCCGGCCCTCCTTTGGAGGTCAAGCGGCTGGCGA  
 GAGGCAAGAGGGCCCCGGAGGGCGGCAGAAGCGCGCCGCGGGCCCCGCGCCGGCAGGAGGCGGAGAA  
 GCGCCGGGTCTTCTCGTGCCTCAGCCGACGAGCAGGACGGCGGTGGCGGTGCCAGTAGCGCGGGGTGTG  
 ACCCCGCTGGTGGAGTATGAGGATGTAAGCTCCAGTCCGAGCAGGGGCTGCTGCTGGGGGCGCCAGCG  
 CGGCAACGGCGGGCAGCGCTGCCGGGGAAACGGGGGCAACGGCGGGAGTCCGGCCTCCTCCTCCGGCAC  
 GCAGAGGCGCGCGGAGGGGTGACGCGCAGGCCGCGCGGGACC GCCGACGAGCAGCGGTTCGAGTAAG  
 GAGCGCCATCGCGAGCACCGCGCGGGACGGGACGCGCAGTGGCAGCGAGGCCCTCAAAGCCCCGAGCC  
 GCCACGGACACAGCGGCGAGGAGCGGGCCGAGGCCGCAAGAGCGGCAGTAGCAGCAGCAGCGCGGCCG  
 CGCAAAAAGTGATCGGCTACGTCCAGCAGTAGTAGCAGCCGCAAGGATCGGGACCTCAAGGCCCATCGC  
 AGCCGGACTAAGTCGTCCAAGGAGCGCCCTCGGCCTACAAGGAGCCGCCAAGGCCATCCGGGAGGACA  
 AGAGCGAACC GAAGGCCACAGGCGGGCAGCGGTCCCTGAGCCGCTGGGAGGCCGGGACGAAAGCCC  
 GGTGTCCACAGGGCCTCGCAGAGCCTCCGGAGCCGCAAGTCCCCAGCCGGCGGGAGGTGGCAGCAGT  
 CCCTATCCCGCGGTTGCCGCGCTCCCCGAGCCCTACAGCCGGCGCGCTCGCCAGCTACAGCCGCC  
 ACAGCTCTACGAGCGGGCGGGCAGTATCCCCAGCCCGTACAGCAGCAGCAGCTGGCGGCGCTCGG  
 CAGTCCCTACAGTCCAGTACTCAGACGATCTGCCAAATCCGAAGCAGAAGCCCCATTTCATCTAGGCAC  
 TCAAGATCTCGTAGCAGGCACAGATTGTCTAGATCCCGAAGTCGTCATTCAAGCATTCTCTAGCACAC  
 TAACTCTGAAGAGTAGCCTGGCAGCTGAATTAACAAGAATAAAAAGGCACGAGCTGCAGAGGCAGCAAG  
 AGCTGCAGAGGCAGCAAAGCTGCAGAAGCTGCTAAGGCTGCTGAGGCAGCTGCCAAAGCTGCAAAAGCC  
 TCTAGTGTCTTCTACACCTACCAAGGGGAACACAGAAACTGGTGCCAGTGTCTCACAGACAAACCATGTGA



[View online >](#)

AGGAAGTCAAAAACTTAAACTGAGCATGCACCTTCTCCTTCAAGTGGTGGGACTGTCAAAAGTGACAA  
 GACAAAAACAAAGCCACCGCTTCAAGTAACAAAAGTAGACAATAATTTGATTGTAGAGAAAAGCTACCAAG  
 AAAACAGTTGTTGGGAAAGAGAGTAAACCTGCTGCTACAAAGGAAGAACCAGTGTCTACTAAAGAGAAAA  
 CCAAGCCACTCACACCAAGTGTAGGAGCCAAGGAGAAGGAGCAACATGTGGCTTATAGTACCTCTACATT  
 ACCACCATTACCTTTGCCTCCCATGTTGCCTGAAGATAAAGATGCTGATAGTTTAAAGAGGCAATATTTCT  
 GTAAAAGCAGTTAAAAAGAAGTAGAAAAGAACTCCGGTGTCTGCTTGTGATTACCATTGCCCCCTG  
 AGTTACCAGGAGGAGATGATCTTTCCAAGAGTCCAGAGGAGAAGAAAACAGCAACACAGTACATAGCAA  
 AAGAAGGCCTAAAATATGTGGCCCTCGCTATGGTGAAATCAAAGAAAAAGATATTGACTGGGGAAACGC  
 TGCCTGGATAAATTTGATATCATCGGAATTATTGGAGAAGGTAATGACAAAGTTTACAAAGCCAGGG  
 ACAAAGACACTGGAGAAATGGTAGCCTTAAAGAAAGTACGTCTGGATAATGAAAAGGAGGGTTTCCCAAT  
 TACAGCAATTAGAGAAATTTAAATTTCTCGCACTTACCCATCAGAGTATCATCAATATGAAGGAAATA  
 GTGACTGATAAAGAAGATGCTTTGGATTTTAAAGAAAGACAAAGGTGCATTTTACCTGGTGTGTAATATA  
 TGGACCATGATCTGATGGGACTGCTGGAGTCAGGCTTGGTTCATTTTAAAGAAACCATATAAAATCTTT  
 TATGAGACAGCTCATGGAAGGCCTGGATTATTGTCATAAGAAGAACTTTTGCACAGAGATATAAATGT  
 TCAAATATCCTTCTAAATATAGAGGACAGATAAAACTTGCAGATTTTGGACTTGTCTGTTATATAGCT  
 CAGAAGAAAGCCGTCCATATACTAACAAGTCACTTGTGGTATCGTCCACCTGAACGTCTCTTGGG  
 AGAAGAACGATATACACCGCCATTGATGTATGGAGCTGTGGATGTATCCTTGGGAACTTTCCTACTAAA  
 AAGCCTATATTTCAAGCAAACAGGAACCTGCACAACAGAGCTAATAAGTCGTATATGTGGGAGTCCGT  
 GTCCTGCAGTATGGCCTGATGTAATCAAACCTGCCATATTTCAACACCATGAAACCAAAGAAGCAATATCG  
 GCGGAAGTTAAGAGAAGAGTTTGTTTTTATCCCTGCAGCTGCACTCGACTATTTGATTACATGCTTGCC  
 TTGGATCCCAGTAAGCGCTGCACTGCCGAGCAGGCTTTCAGTGTGAGTTCCTGCGAGACGTGGAACCT  
 CCAAAATGCCTCCACCAGACCTTCTTTTGGCAAGATTGTCATGAATTATGGAGTAAAAAGAGAAGAAG  
 ACAGAAACAGATGGGCATGACTGATGATCTTTCCACAATCAAAGCCCCAGAAAGGACTTGTCTCTGGGC  
 TTAGATGACAGCAGAAGTACACGCCCCAGGGTGTGCTGCCACCTGCACAGCTAAAGTCTCAGAACAGCT  
 CCAAGTGGAGCACCTGTAATAACAGGCCCTGGACAGCCGTTAAACACAGTGAATTGGCAATTCTTCTAAA  
 CCTACTACAATCTAAATCAAGTGTAAATATGGCTGATTTTGTCCAAGTGTGAACATTAAGGTAACTCT  
 GAGACTCAACAGCAGCTAAATAAAATAAACCTTCTGCTGGAATTTTGGCAACAGGTGAAAAACAGACAG  
 ATCCATCAACACCACAACAGGAGTCTTCAAATCATTGGGAGGAGTTCAGCCTTACAGAGCATCCAGCC  
 TAAAGTGGAACTGACGCTGCGCAGGCTGCAGTGCAGAGTGCATTTGCAGTCTCCTGACTCAGTTAATA  
 AAGGCCAGCAGTCAAAACAGAAAGATGCCATGCTGGAGGAGAGGAGAATGGATCAGGACATGACGCTC  
 CAGTGCAACTCAGGCCGCTCCAGAACCAGCACTCCTGCCTCTGGCAAGATGACCTCATCCAACACCA  
 AGACAGGAGGATATTGGAGCTGACACCAGAGCCAGAGCGCCTCGGATTCTGCCTCTGATCAACGACCT  
 CCTGAACCTCCTGAACCACCACCAGTCACTGAGGAGGACCTGGATTATCGGACAGAAAACAGCATGGAC  
 CTACTACTAGTTCTTCACTAACTGACCCACATGCTGGAGTGAAGGCAGCCCTTACAGCTGCTTGTCTCA  
 ACATCAGCCCCAGGATGATCCAAAAGAGAAGGTGGTATTGATTATCCACAGGAGACACGTACGTGCC  
 AGTTACAGACTATAAAGACAACCTTGGAGCGTCTTCTCTGCCGCCCTTATGTGAGCAGTGTGGTCTGG  
 GGAGTAGCTCTGCTGCTGACCGTTGGAGGCGCGCAGTTTCATCGGAACTCAGATATTCAGTCTCTGGA  
 TAACTACAGTACTGCTTCATCTCACACTGGTGGTCCACCTCAGACTTCTGCCTTACCCGAGTCATTTCC  
 AGTTCAGTACTGGATACGGAGACATTTACCTCAATGCTGGTCCCATGCTGTTTGTGAGAGACAAGGACC  
 ATAGATTTGAGTACAGCCATGGTCTATACGGTCTCACAACAGCAGTGAACCTTCCACAGGGCCGGA  
 GAGTACTACCCCTTGCAGCAAAGATACAACTATAACTATGGTGGTAACTTACAGGAAAATCCAGGT  
 GGCCCCAGCCTCATGCATGGACAGACCTGGACTTCTCCTGCCAAGGACCTGGATACTACAAGGATACA  
 GGGGACACATTAGCACATCAGCTGGCAGAGGTCGAGGCAGAGGGTTACCATAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271295  
**Insert Size:** 4536 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>NM_001271295.1, NP_001258224.1</u>
<b>RefSeq Size:</b>	6124 bp
<b>RefSeq ORF:</b>	4536 bp
<b>Locus ID:</b>	306998
<b>Cytogenetics:</b>	17q11