

Product datasheet for **RN206264**

Cdk18 (NM_001100506) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk18 (NM_001100506) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdk18
Synonyms:	PCTAIRE3; Pctk3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206264 representing NM_001100506
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAAGATGAAGAACTTCAAACGAAGCTTCCCTGTCACTGCCCGCCAGAGACCATTGAGGAGT
 CATTGACCGAGTTCACCGAGCAGTTCACCAGCTCCACACTCAGAGGAATGAGGACGGCAGGACGAACC
 TGGGCAGCTGTCTCCGGCGTGCAGTATCAGCAACGGCAGAACCAGCGCCGATTCTCCATGGAGGACCTC
 AACAAAGAGGCTCTCTGCCCATGGATATCCGCCTGCCCCAGGAATTCCTGCAGAAGCTACAGCTGGAGA
 ACCCAGGGCTGCCAAACCACTCACCCGAATGTCCCGCGTGCCTCCCTGTGAGATATCGGCTTCGGGAA
 ACTGGAACATACGTGAAACTGGACAACTGGGGGAGGGCACCTATGCCACCGTCTTCAAGGACGCAGC
 AAGTTGACAGAGAACCTCGTGGCCCTGAAGGAGATCCGGTTGGAACATGAGGAAGGGGCACCCTGCACTG
 CTATTCGAGAGGTGTCTGCTGAAGGACCTGAAACATGCCAATATTGTGACCCTGCATGACCTCATTCA
 CACAGATCGGTCCCTCACCTGGTGTGTTGAGTACCTGGACAGTGACCTGAAACAGTACCTAGACCCTGC
 GGGAACTCATGAACATGCACAACGTCAAGATTTTATGTTCCAGCTGCTCCGGGTCTGGCCTATTGCC
 ACCGCCGCAAGATCCTACACCGGACCTGAAGCCCCAGAACCTGCTCATCAATGAGAGGGGGAACTGAA
 ACTGGCTGACTTTGGCCTGGCCCGGCCAAATCAGTGCCTACAAAGACCTACTCCAATGAGGTGGTGACC
 CTCTGGTACAGGCCCCAGAGCTGTGCTGGGATCCACGGAGTACTCCACCCCATCGACATGTGGGGCG
 TGGGCTGCATCCTCTATGAGATGGCCACCGCAAGCCCTCTCCAGGCTCCACTGTCAAGGAGGAGTT
 GCACCTCATCTCCGCTCCTGGGGACCTACAGAAGAGTCGTGGCCAGGTGTGACATCCATCTCCGAG
 TTTGAGCCTACAACCTCCCGGTACCTACCGCAACCGCTGCTCAGCCACGCTCCAGGTTGGATACTG
 AAGGCATCAACCTCCTGACCAGCTCCTCCTGTATGAATCCAAGAGTCGCATGTCAGCAGAGGGCCCT
 AAGTCACCCCTACTTCCAGTCTCTCGGGGAACGAGTACACCAGCTCGATGACACTGCCTCCATCTTCTCC
 CTGAAGGAGATCCAGCTCCAAAAGGACCCAGGCTATCGTGGCCTTGCCTTCCAGCACCCAGGGCGAGGGA
 AGAGCCGGCGACAGATCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001100506
- Insert Size:** 1356 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: [NM_001100506.1](#), [NP_001093976.1](#)
RefSeq Size: 1522 bp
RefSeq ORF: 1356 bp
Locus ID: 289019
UniProt ID: [O35832](#)
Cytogenetics: 13q13
Gene Summary: May play a role in signal transduction cascades in terminally differentiated cells.
[UniProtKB/Swiss-Prot Function]