

Product datasheet for **MC215958**

Cdk18 (NM_008795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk18 (NM_008795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdk18
Synonyms:	AA682070; Ctk18; Pctk3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215958 representing NM_008795
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAAGATGAAGAACTTCAAGCGAAGGCTTCCCTGTCCGTGCCCGCCAGAGACCATTGAGGAGT
 CGTTGGCTGAGTTCAGTACTGAGCAGTTCAACCAACTCCACACTCAGACGAATGAGGATGGCAGAGATGAGCC
 TGAGCAGCTGTCTCCTGGCATGCAGTATCAACAACGGCAGAACCAGCGCCGATTCTCCATGGAGGACCTC
 AACAAAGAGGCTCTCTCTGCCATGGACATCCGCCTACCCAGGAATTCCTGCAGAAGCTACAGCTGGAGA
 ACCCAGGGCTGCCAAGCCTCTCACCCGATGTCCCGCGTGCCTCCCTGTGAGATATCGGCTTTGGGAA
 ACTGGAACATATGTGAAACTGGACAACTGGGGGAGGGTACCTATGCCACCGTCTTCAAGGACGCAGC
 AAGCTGACAGAGAACCTCGTGGCCCTGAAGGAGATCCGGTGGAGCATGAGGAAGGGCGCCCTGCACTG
 CTATTCGAGAGGTGTCTGTCTGAAGGACCTGAAACACGCCAATATTGTGACCCTGCATGACCTCATTCA
 CACAGATCGGTCCCTCACCTGGTGTGTTGAGTACCTGGACAGTGACCTGAAACAGTACCTAGACCCTGT
 GGGAACTCATGAACATGCACAATGTCAAGATATTCATGTTCCAGCTGTCCGGGGTCTGGCCTACTGCC
 ACCACCGCAAGATCCTGCACCGGACCTGAAGCCCCAGAACCTACTCATCAATGAGAGGGGCGAGCTGAA
 GCTGGCCGACTTTGGCCTGGCCCGGCCAAATCAGTGCCTACAAAGACCTATTCCAATGAGGTGGTGACC
 CTCTGGTACAGGCCCCAGATGTGTCTGGGATCCACAGAGTACTCCACCCCAATTGACATGTGGGGCG
 TGGGCTGCATCCTCTATGAGATGGCCACCGCAAGCCCTCTTCCCGGGCTACTGTCAAGGAGGAGTT
 GCACCTCATCTCCGTCTCCTAGGGACCTACAGAAGAGTGTGGCCGGGTGTGACGTCCATCTCTGAG
 TTTGAGCCTACAACCTCCCGGATACCTACCACAGCCACTGCTCAGCCACGCCCCAGGTTGGATACTG
 AAGGCATCAACCTCCTGAGCAGCCTCCTCTGTATGAATCCAAGAGTCGCATGTGACGAGGAGGAGCCCT
 CAATCACCCCTACTTCCAGTCTCTCGGAGACCGAGTTCATCAGCTCCATGACACTGCCTCCATCTTCTCC
 CTGAAGGAGATCCAGCTCCAAAAGGACCCAGGCTATCGTGGCCTGGCCTTCCAGCACCCAGGGCGAGGGA
 AGAGCCGGCGGCAGAGCATCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2367_c08.zip

Restriction Sites: SgfI-MluI

ACCN: NM_008795

Insert Size: 1356 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<ol style="list-style-type: none">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:	<u>BC119617</u> , <u>AAI19618</u>
RefSeq Size:	3061 bp
RefSeq ORF:	1356 bp
Locus ID:	18557
UniProt ID:	<u>Q04899</u>
Cytogenetics:	1 E4
Gene Summary:	May play a role in signal transduction cascades in terminally differentiated cells. [UniProtKB/Swiss-Prot Function]