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Product datasheet for RN202805

Cdk1 (NM_019296) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk1 (NM_019296) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdk1
Synonyms:	Cdc2; Cdc2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>RN202805 representing NM_019296
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGACTATATCAAAATAGAGAAAATCGGAGAAGGGACTTATGGTGTGGTATATAAAGGTAGACACA
GGACTACTGGCCAGATCGTGGCCATGAAGAAAATCAGACTTGAAAGCGAGGAAGAAGGAGTGCCCAGTAC
GGCAATCCGGGAAATCTCTCTGTTAAAAGAACTTCGACATCCAAATATAGTCAGCCTGCAGGATGTACTC
ATGCAGGACTCCAGGCTGTATCTCATCTTCGAGTTCCTGTCCATGGATCTCAAGAAGTACCTGGACTCTA
TCCCTCCTGGCCAGTTCATGGATTCTTCGCTCGTTAAGAGTTACTTGTACCAAATCCTCCAGGGGATTGT
GTTTTGTCACTCCCGACGAGTTCTTCACAGAGACTTGAAACCTCAAAATCTATTGATTGATGACAAAGGA
ACAATCAAACTGGCAGATTTCGGCCTTGCCAGAGCGTTTGGAATACCGATAAGAGTGTACACACACGAGG
TAGTGACGCTGTGGTACCGGTCGCCAGAGGTGTTGCTGGGCTCGGCTCGCTACTCCACCCCGGTTGACAT
CTGGAGCATAGGGACCATATTTGCAGAGCTGGCGACCAAGAAGCCGCTTTTCCACGGCGACTCAGAGATT
GACCAGCTCTTCAGGATCTTCAGAGCTCTGGGCACCCCTAACAACGAAGTGTGGCCAGAAGTAGAGTCCC
TGCAGGACTACAAGAACACTTTCCCCAAGTGGAAGCCGGGGAGCCTCGCGTCCCACGTCAAGAACCTGGA
TGAAAACGGCTTGGACTTGCTCTCGAAAATGCTGGTCTATGATCCAGCCAAACGAATCTCTGGAAAAATG
GCCCTTAAGCACCCATACTTTGACGACTTGGACAATCAGATCAAGAAGATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_019296
Insert Size:	894 bp

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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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_019296.1, NP_062169.1
RefSeq Size:	1184 bp
RefSeq ORF:	894 bp
Locus ID:	54237
UniProt ID:	P39951
Cytogenetics:	20p11
Gene Summary:	putative cell cycle control protein; homologous to S. pombe Cdc2 [RGD, Feb 2006]

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