

Product datasheet for **RN200171**

Cdkn1c (NM_001033757) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdkn1c (NM_001033757) Rat Untagged Clone
Tag: Tag Free
Symbol: Cdkn1c
Synonyms: Kip2; p57; p57KIP2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200171 representing NM_001033757
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCATGTCCGACGTGTACCTCCGCAGCAGAACAGCGATGGAACGCTTGGCCTCCAGCGACACCTTCC
 CAGTGATAGCGCGCAGCAGCGCCTGCCGACGCTCTTCGGCCTGTAGACCACGAGGAGCTGGGCCGCA
 GCTGCGGATGCGCCTGGCGGAGCTGAACGCCGAGGACCAGAACCCTGGGACTTCAACTCCAGCAGGAT
 GTGCCCTTTCGAGGCCCTGGTCTGCTGCAGTGGATGGAGGTGGACAGCGAGTCTGTGCCCGCTTCTACC
 GCGAGACGGTGCAGGTGGGGCGCTGTGCGCTGCAGCTGGGGCCCCGGCCACCTCCGGTGGCTGTGGCTGT
 CATCCCGCTTCTGGGCCGCGCGCTGGCGAGGGCCCCGACGGCCTAGAGGAGGGCGCTGAGCAGCGCCCC
 AGCGCCCCAGCCTCGGCCGTGGTGCAGGAGCCACCCACCCGCGACCCCGGCCCGCCTCAGATCTGA
 CCTCAGACCCGATTCCGGACGTGACCCCGGTGCGGACCTCGGACTCGACTCCAGACCCGATCCCAGACGT
 GGCGACTCAGGACGGCGAGGAACAGGTCCCTGAGCAGGTCTCTGAGCAGGTCTCTGAGCAGGGCAGGAG
 TCGGGTGTGAGCCGGGTGATGAGCTGGGAGCTGAGCCGGTCTCTGAGCAGGGCAAGCAGCAGGGCGCG
 AGCCGGTTCGAGGAGAAGGACGAGGAGCCGGTGGAGGAGCAGGGCGCAGAGCCGGTTCGAGGAGAAGGACGA
 GGAGCCAGTTCGAGGGCAGAACGGGAGCTGGTTCGAGGAGCAGGACGAGAATCAGGAGCTGAAGGACCA
 CCTCTCTCGGGGATTCCAGGACGTCTGACGCCGGGACTGCTGCGGCCAATGCGAACGGTGCATCAAGA
 AGCTGTGGGGCCTCTCATCTCTGACTTCTTCGCCAAGCGCAAGAGAAGTGCAGGAGAAACAAGCGCTC
 GAACGATGTCCCTGCAGGTGTCCCTCTCTAACGTGGCTCCTGGGGTGGCGCGGTGGAGCAGACCCCG
 CGCAAACGTCTGCGAT**TGA**

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033757



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Insert Size:	1068 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:	<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>NM_001033757.1, NP_001028929.1</u>
RefSeq Size:	2081 bp
RefSeq ORF:	1068 bp
Locus ID:	246060
Cytogenetics:	1q42
Gene Summary:	cyclin-dependent protein kinase inhibitor; may be involved in regulating cell proliferation during embryogenesis [RGD, Feb 2006]