

Product datasheet for RN216420

Cdkn1c (NM_001033758) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cdkn1c (NM_001033758) 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: >RN216420 representing NM_001033758
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCATGTCCGACGTGTACCTCCGCAGCAGAACAGCGATGGAACGCTTGGCCTCCAGCGACACCTTCC
 CAGTGATAGCGCGCAGCAGCGCCTGCCGCAGCCTCTTCGGCCTGTAGACCACGAGGAGCTGGGCCGCGA
 GCTGCGGATGCGCCTGGCGGAGCTGAACGCCGAGGACCAGAACCCTGGGACTTCAACTCCAGCAGGAT
 GTGCCTCTTCGAGGCCCTGGTCTGCTGAGTGGATGGAGGTGGACAGCGAGTCTGTGCCCGCCTTCTACC
 GCGAGACGGTGCAGGTGGGGCGCTGTGCGCTGCAGCTGGGGCCCCGGCCACCTCCGGTGGCTGTGGCTGT
 CATCCCGCTTCTGGGCCGCCGGCTGGCGAGGGCCCCGACGGCCTAGAGGAGGGCCTGAGCAGCGCCCC
 AGCGCCCCAGCCTCGGCCGTGGTGCGGAGCCACCCACCCGCGACCCCGGCCCGGCCTCAGATCTGA
 CCTCAGACCCGATTCCGGACGTGACCCCGGTGCGGACCTCGGACTCGACTCCAGACCCGATCCAGACGT
 GGCGACTCAGGACGGCGAGGAACAGGTCCCTGAGCAGGTCTCTGAGCAGGTCTCTGAGCAGGGCAAGCAGCAGGGCGGG
 TCGGGTGTGAGCCGGGTGATGAGCTGGGAGCTGAGCCGGTCTCTGAGCAGGGCAAGCAGCAGGGCGGG
 AGCCGGTTCGAGGAGAAGGACGAGGAGCCGGTGGAGGAGCAGGGCGCAGAGCCGGTTCGAGGAGAAGGACGA
 GGAGCCAGTTCGAGGGCAGAACGGGGAGCTGGTTCGAGGAGCAGGACGAGAATCAGGAGCTGAAGGACCCAG
 CCTCTCTCGGGGATTCCAGGACGTCTGACGCCGGGACTGCTGCGGCCAATGCGAACGACTTCTTCGCCA
 AGCGCAAGAGAACTGCGCAGGAGAAAGGCGTGAACGATGTCCTGACAGGGTGTCCCTCTCCTAACGT
 GGCTCCTGGGGTGGCGCGGTGGAGCAGACCCCGCAAACGTCTGCGA**TGA**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001033758



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Insert Size:	1032 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001033758.1, NP_001028930.1</u>
RefSeq Size:	2045 bp
RefSeq ORF:	1032 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]