

Product datasheet for **MC208272**

Cdkn1c (NM_001161624) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdkn1c (NM_001161624) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdkn1c
Synonyms:	AL024410; CDKI; Kip2; p57(kip2); p57Kip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_001161624.1 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCATGTCCGACGTGTACCTCCGCAGCAGAACAGCGATGGAACGCTTGGCCTCCAGCGATACCTTCC
CAGTGATAGCGCGTAGCAGCGCTGCCGACGCTCTTCGGCCTGTAGACCACGAGGAGCTGGGCCGCGA
GCTGCGGATGCGCCTGGCCGAGCTGAACGCCGAGGACCAGAACCCTGGGACTTCAACTCCAGCAGGAT
GTGCTCTTCGAGGCCCTGGTCTGTCAGTGGATGGAGGTGGACAGCGAGTCTGTGCCGCTTCTACC
GCGAGACGGTGCAGGTGGGGCGCTGTCGCTGCAGCTGGGGCCCCGGCCACCCCGGTGGCCGTGGCTGT
CATCCCGCTTCTGGGCCGCCGCTGGCGAGGCCCCCGACGGCCTAGAGGAGGCGCTGAGCAGCCGCC
AGCGCCCCAGCCTCGGCCGTGGTTCGCGGAGCCACCCACCCGCGACCCCGGCCCGGCTTCAGATCTGA
CCTCAGACCCAATTCCGGAGGTGACCTGGTTCGCGACCTCCGACCCGACTCCGGACCCGATCCCGGACGC
GAACCCGGACGTGGCAGCTCGGGACGGCGAGGAACAGGTCCCTGAGCAGGTCTCTGAGCAGGGCGAGGAG
TCGGGTGCTGAGCCGGTGTGAGCTGGAACTGAGCCGCTCTGAGCAGGGCGAGGAGCAGGGCCGAG
AGCCGGTTCGAGGAGAAGGACGAGGAGCCGAGGAGGAGCAGGGCGCGGAGCCGGTTCGAGGAGCAGGGTGC
GGAGCCGGTTCGAGGAGCAGAATGGGAGCCGGTTCGAGGAGCAGGACGAGAATCAAGAGCAGCGCGGCCAG
GAGCTGAAGGACCACTCTCTCGGGATTCCAGGACCTCTGCACCCGGGACTGCTGCGGCCAATGCCA
ACGACTTCTTCGCAAGCGCAAGAGAAGTTCGCGCAGGAGAACAAGGCGTTCGAACGACGTCCCTCCAGGGT
TCCTCTCCAACGTGGCTCTGGGGTGGCGCGGTGGAGCAGACCCCGCAACGTCTGAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1678_h03.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001161624
Insert Size:	1047 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:	NM_001161624.1 , NP_001155096.1
RefSeq Size:	1952 bp
RefSeq ORF:	1047 bp
Locus ID:	12577
UniProt ID:	P49919
Cytogenetics:	7 88.22 cM
Gene Summary:	<p>Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>