

Product datasheet for **MC200899**

Cdkn2d (NM_009878) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdkn2d (NM_009878) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdkn2d
Synonyms: INK4d; p19; p19INK4d
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013898 sequence for NM_009878
CCACGCGTCCGCAGCAAGAGCTGGTCCCCAGCCCTGACCTTAACTGGGCTTGGGGCTGGGTGGGTTTCA
CAGTCCACCGGTATCCACTATGCTTCTGGAAGAAGTCTCGCTCGGCGACCGGTTGAGTGGCGCAGCGGCC
CGTGGCGACGTGCAAGAGGTCCGCCCTTCTTCATCGGGAGCTGGTGATCCTGACGCCCTGAACCGCT
TTGGCAAGACGGCCTTGCAAGTCAATGATGTTTGGAAAGTCCAGCAGTTGCTTTGGAGCTCCTGAAGCAAGG
TGCCAGCCCAATGTCCAAGATGCCTCCGGTACTAGTCTGTGCATGATGCGGCTCGCACCAGGTTCTCTG
GACACCCTGAAGTTCTGGTGGAGCATGGTGTGATGTCAATGCCCTGGACAGCACTGGGTGCCTCCCA
TCCATCTGGCGATAAGAGAGGGCCATAGCTCCGTGGTCCAGCTTCTAGCTCCTGAATCTGATCTCCACCA
CAGGGACGCTCCGGTCTCACTCCCTGGAGTTGGCTCGGAGAGAGGGGCTCAGAACCTCATGGACATT
CTGCAGGGCCACATGATGATCCCAATGTGACCAAGGCCACTGTCTCCAGCCTTACTGGTTACTTGTC
ACAAAAGAGGAAAGAACTTTCTCTTTTACACCTGTCCATTGAAGAAGGGAGTGGGAGGAGCAGTTTGT
GGTTTATTGGTGTGATTCTTGAGTGTGTGTTTGGGGGTGTTTCTCATTGTTTTCTCACCCCTT
TTGGTGTGTTGGACAAAGAAGGGCTCCTACAGGCAACAGCCATCTAAACGGTTCAGTTTCTCTGCACT
GGGGCTGCACCAGGGCAGGGGTTAAAGCCCTAGCCTCAGAGTGAGGTCATCACTTCCCGGGCCCTTGG
AAGCTGGTGCCTTGGCAGGCTGTGCTCAGAGAGCCCTGAAGTGTGAGCCATCACTTTGGGCATGTGAG
GGGGAGGGGAAAACATTTCAATCAATTAAGGATAACATGAGTTCAATTTTCTTTCTTGGAAAGGTTTC
CAGTCTGTTGTACAGAGTTTGAATATAAATATTTATTGCTTTATGGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009878

Insert Size: 501 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).



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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>BC013898</u> , <u>AAH13898</u>
RefSeq Size:	1116 bp
RefSeq ORF:	501 bp
Locus ID:	12581
UniProt ID:	<u>Q60773</u>
Cytogenetics:	9 A3
Gene Summary:	Interacts strongly with CDK4 and CDK6 and inhibits them.[UniProtKB/Swiss-Prot Function]