

Product datasheet for MC207126

Cdkn3 (NM_028222) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdkn3 (NM_028222) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdkn3
Synonyms: 2410006H10Rik; KAP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207126 representing NM_028222
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCCGCCCATTTCAATACAAGCAAGTGAGTTTGATTCTTCAGACGAAGAACCTGTTGATGAAGAAC
AGACTCCAATTCAAATTCATGGCTACCTCTGTCGCGAGTGAATTGTTCCAGTTTCTCGGTTTATGTGC
TCTTCCAGTTGTAAGTTTAAAGATGTTAGAAGAAATATTCAGAAAGATACAGAAGAACTAAAGAGCTAC
GGGATCCAAGACGTGTTTGTCTGCACCAGAGGGGAGCTGTCAAATATAGAGTCCCAAACCTTCTGG
ACCTCTACCAACAATATGGAATTGTCACCCATCATCATCCGATCCAGATGGAGGGACTCCCACATTGG
CAGCTGCTGGGAAATCATGGAGGAGCTGGCCACCTGCCTCAAAAACAACCGGAAAACCTGATACATTGT
TACGGAGGACTTGAAGATCCTGTCTTGCTGCTTCTCCTATACTTGTCTGACTCAATCTCACCAC
AGCAAGCCATAGACAGCCTTCGAGATGTCAGAGGATCTGGGGCGATACAGACCATCAAGCAATATAACTA
TCTTCATGAATCCGGGATAAATTAGCTGCGTATCTATCATCAAGAGATTCATCAAGATCTGTGTCC
AGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028222
Insert Size: 636 bp



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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:	<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_028222.1</u> , <u>NP_082498.1</u>
RefSeq Size:	773 bp
RefSeq ORF:	636 bp
Locus ID:	72391
UniProt ID:	<u>Q810P3</u>
Cytogenetics:	14 C1
Gene Summary:	May play a role in cell cycle regulation. Dual specificity phosphatase active toward substrates containing either phosphotyrosine or phosphoserine residues. Dephosphorylates CDK2 at 'Thr-160' in a cyclin-dependent manner (By similarity).[UniProtKB/Swiss-Prot Function]