

Product datasheet for RN212473

Cdk2 (NM_199501) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cdk2 (NM_199501) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Cdk2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN212473 representing NM_199501
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGAGAACTTCCAAAAGGTGGAGAAGATTGGAGAGGGCACGTACGGAGTGGTGTACAAAGCCAAAAACA
 AGTTGACGGGAGAAGTTGTGGCGCTTAAGAAAAATCCGGCTCGACACTGAGACTGAAGGTGTGCCAGTAC
 TGCCATCCGAGAGATCTCCCTCCTTAAGGAGCTCAATCACCTAACATCGTCAAGCTGCTGGATGTCATC
 CACACAGAAAATAAGCTTTATCTGGTGTGAATTCTGCACCAGGACCTCAAGAAGTTTATGGATGCTT
 CTGCTCTCACTGGCATTCTCTCCCTCATCAAGAGCTATCTGTTCCAGCTGCTCCAGGGCCTAGCATT
 CTGCCATTCTCACCGTGTCTGCACCGAGACCTTAAGCCCCAGAACCTGTTATCAACGCAGAGGGGTCC
 ATCAAGCTGGCTGACTTTGGACTAGCAAGAGCCTTTGGAGTCCCTGTCCGTACTTACACTCATGAGGTGG
 TGACCCTCTGGTACCGAGCACCGGAGATTCTTCTGGGCTGCAAGTACTACTCCACAGCCGTGGACATCTG
 GAGCCTGGGCTGCATCTTTGCCGAAATGGTGACCCGAGGGCCCTATTCCCTGGAGACTCTGAGATTGAC
 CAACTCTCCGGATCTTTCGGACTCTGGGACCCAGATGAGGTGGTTTGGCCAGGAGTTACTTCTATGC
 CTGATTATAAGCCAAGTTTCCCCAAGTGGGCTCGGCAGGATTTTAGCAAGTTTGTGCTCCCTGGATGA
 AGACGGACGGAGCTTGTATCTCAAATGCTGCACTATGACCCCAACAAGCGGATTTAGCCAAAGCAGCC
 CTGGCTCACCCCTTCTTCCAGGATGTGACTAAACCAAGTGGCCACCTTCGACTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
 ACCN: NM_199501
 Insert Size: 897 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_199501.1, NP_955795.1</u>
RefSeq Size:	2250 bp
RefSeq ORF:	897 bp
Locus ID:	362817
Cytogenetics:	7q11