

Product datasheet for RN217696

Cdk5rap2 (NM_173134) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk5rap2 (NM_173134) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdk5rap2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217696 representing NM_173134 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGACTCAGGGATGGAAGAGGACGTACCCTGCCTGGGACCCTCAGCGGCTGCAGTGGCCTTACC
CTGTTCTACCAAGTGATCTGGATGTCATCAGTGACACTACTGGCTTGGGAAATGGAGTGCTCCCAATCAT
GTCAGAAGAAAAGGTCTCTCCACCAGAGCCCGGAACATGAAGGACTTTGAAAACCAATCACTGAGCTG
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CCAGGAGAGAGATCAGTTGCTCGTCAAAGCCTCCAAGCCGTGGAGAGCCTAGCAGAAGGGGGTGGTTCT
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CTCCAAGGAAAAGCAACAATCAGAGTATGAAGGGCTGACTGGGGACTTAAAGACAGAACAGAACGTCTAT
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 TCCGGAAGCAGCTGGAGCAGGATGTGCTTGCCATCGGAATCTGCAGACGGCCCTGCAGGAGCAGCTCAG
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 AGGCTATTATTACAGTTTTGTGTGGACAGAAGGGGCCAAGATGGCCTGAACAAGCCTAAGGGCCACAT
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 ACCCAGACTGAACTGCTAAGGAGGTTAAGAAGTGAAGAAGACAACCTTACCTTACCAACATCTCCTGCCTG
 AATCTCCTGAGCCTTCTGCCTCTCATGCTCTGTGATGATGAAATGTCTGAGAAGTCTTCTCCTGTCCAG
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 CAGTGAGAAGGAGAGACAAAACCAGCAGTTGACTCAGGAGGTCTGCAGCAGCCTCCAAGAGCTGAGCAGG
 GTACAGGAAGAGGCAAAGTCAAGACAGCAGCTGCTTTACAGAAAAGCAGCTGCTTCAAGTCCCTCAA
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 CTTGCATGCCCTGCCTGGTTGCTGGCCGCACCTGTGGGCCAGCAAGAGTGGCCACCACATGCTGTGCCCT
 GATTGAGGACTATGATGCCCTCTATAAGCAGATCAGCTGGGGCCAGACACTGCTTGCCAAGATGGATATT
 CAAACCAAGAGGCTCTGAGCCCCACAAGTCAAGAGCTGGGACCAAGGCTTCAATCTCTGTGCCTCTGA
 GCAAGTTTCTCTCCAGCATGAACACAGCCAAGCTGATCCTGGAAGAAAGCCTCCAGGTTGCTGAAGCTCT
 CTGGAGGGTCTCTGTCCCACCAACGGCCAGTGTCCCTTCACTGTGACCAGATTGGAGAATGAAGGCA

GAGATCACCAAACACTACACAAAAATTGTTTGAACAAGAAAAGAAGCTGCAGAACACAGCAAACTTCTGC
AGCAGAGCAAGCACCAGGAGAAAATCATCTTTGATCAGTTGGTCATCACCCACCAAGTCCTTCGGAAAGC
CAGGGGAAACCTGGAGCTCAGGCCTAGAGCTGCCCATCCAGGAACATCCAGTCCCAGCAGACCGGGCTCA
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_173134
Insert Size:	5463 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:	NM_173134.2 , NP_775157.2
RefSeq Size:	5654 bp
RefSeq ORF:	5463 bp
Locus ID:	286919
Cytogenetics:	5q31
Gene Summary:	neuronal cyclin-dependent kinase 5 (Cdk5) activator binding protein [RGD, Feb 2006]