

Product datasheet for **RN202739**

Cdk5rap3 (NM_024488) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk5rap3 (NM_024488) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdk5rap3
Synonyms:	C53
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202739 representing NM_024488
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCAGGACCATCAGCACGTGCCCATCGACATCCAGACCAGCAAGCTGCTCGATTGGCTGGTGACAGAA
 GACACTGCAACTTAAATGGCAAAGCCTGGTGCTGACCATCCGGGAAAAGATCAACACCGCCATCCAGGA
 CATGCCAGAGAGCCAAGAGATTGCCAGCTGCTCTCTGGTTCTACATCCACTACTTCCACTGCCTAAGA
 ATAGTGGACCTTCTTAAAGGTACCGAGGCTTCCACCAAAATATTTTGGCCGCTACTCTTCACAGCGGA
 TGAAGGATTGGCAGGAGATCATAAGCCTGTATGAGAAGGACAACACCTATTTAGTGAACCTCTAGCCT
 CCTGGTTCGGAATGTCAACTATGAGATCCCTCTCTGAAGAAGCAGATTGCCAAGTGCCAGCAACTGCAG
 CAAGACTACAGCCGAAGGAGGAGGAGGCCAGGCTGGGCTGCTGAGATGCGAGAGCAGTTCTACCACT
 CCTGCAACAGTACGGCATCACGGGAGACAATGTCCGACGAGAGCTTCTGGCCCTGGTGAAGGACCTGCC
 AAGTCAGCTGGCTGAGATAGGAGCGGGAGCTCAGTCCCTGGGGGAAGCCATCGACCTGTACCAGGCCTGT
 GTGGAGTTTGTATGTGACAGCCCAAGAGCAGGTGCTGCCATGCTGCGGTACGTTCAGAAGAAGGGAA
 ACTCCACGGTGTATGAGTGGAGGACAGGGACAGAGCCCTCTGTGGTAGAGCGGCCACAACCTGGAGGACCC
 TCCCGAGCAGGTGCAAGAAGACGAGATCGACTGGGGCGACTTTGGCCTGGAGGCTGTTTCTGACTCTGGA
 AACATCATCTCTGCTGAGACCCCTGGGATAGACTGGGGTATCTCCCTGGAGTCAGAGTCCAAGGATGCTG
 GGGCTGACAAGATAGACTGGGGTGACAATGCTGTTGCTTCGGAGATCACCGTCTGGAGACAGGAACGGA
 GGCTCCAGAGGGTGTGCTAGGGGCTCAGACGCTCTGACTCTCCTTGAATACCTGAGACTCGGAATCAG
 TTCATCGATGAGCTCATGGAGCTTGAGATCTTCTGTCTCAGAGAGCAGTAGAGATGAGTGAGGAGGCTG
 ACATCCTGTCCGTGAGCCAGTTCAGCTGGCTCCTGCCATCCTTCAGGGCCAGACCAAGGAGAAGATGCT
 CAGCCTGGTGTCCACACTGCAGCATCTGATTGGCCAGCTCACCAGTCTCCGGATGCAGCACCTGTTTATG
 ATTCTGGCCTCACCGAGGTATGTGGACCGGGTGACAGAGCTCCTCCAGCAGAAGCTGAAGCAGTCCAGC
 GTTGGCTCTGAAGAAGGACCTGATGGTGGAGAAGCAGCAGGAGGCGCTTCAGGAGCAGGACGCGTGGA
 GCCCAAGCTGGACCTGCTGCTGGAGAAGACCAGAGAGCTGCAGAAGCTGATTGAAGCTGACATCTCCAAG
 AGATAACCGCCGCTCTGTGAACCTGATGGGGACCTCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_024488

Insert Size: 1515 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:	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_024488.2, NP_077814.2</u>
RefSeq Size:	1891 bp
RefSeq ORF:	1515 bp
Locus ID:	80278
Cytogenetics:	10q31
Gene Summary:	may be a substrate for phosphorylation by neuronal Cdc2-like kinase (Nclk) [RGD, Feb 2006]