

Product datasheet for **MC205818**

Cdk5rap1 (NM_025876) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk5rap1 (NM_025876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdk5rap1
Synonyms:	2310066P17Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025132
 GGAGATTTGGGGCTGCAGGTGCCATGCATCCTTTACGGTGTGTCCTCCAAGTACAGAGGTTGTCAGCACC
 ATTCACCTCCATGTGCTGGGTGTTGCTTAGGACCTGCAGAGCACAAAGCAGTGTGTCCAGCACTCCTTGT
 CCCAGTCCAGAGGCGAAGAGCTCAGAAGCTCAGAAGGACTTCAGCTCCAGGCTAGCCACTGGACCGACTT
 TTCAGCATTTTTTAAGAAGTGCTTCAGTTCCTCAAGAGAAAACCATCTTCTCCAGAGGTGGAGGCCACC
 TCCCTATCTCTCGGGGATGAACCTCTAGGAAGGCAGAGAAAAGTCTACCTCGAGACCTATGGCTGTCAG
 ATGAACGTGAACGACACAGAGATAGCCTGGTCCATCTTACAGAAGAGTGGCTACCTTCGGACCAGCAACC
 TCCAAGAGGCTGATGTGATCCTTCTTGTACGTGTTCTATCAGGGAGAAGGCCGAGCAGACCATCTGGAA
 CCGCTTACATCAGCTCAAAGTCCTGAAGACAAAGCGGCCACGCTCTCGAGTACCTCTGAGGATTGGGATT
 CTAGGCTGCATGGCTGAGAGGCTGAAGGGAGAGATCCTCAACAGGGAGAAGATGGTAGATCTCTGGCTG
 GTCCAGACGCCTACCGAGACCTCCCGGCTGCTGGCTGTGGTGGAGTCAGGTCAGCAAGCAGCAAAATGT
 GCTTCTCTCTGGATGAGACCTACGCAGATATCATGCCAGTCCAGACGAGCCCCAGTGCCACTTCTGCC
 TTTGTATCCATTATGCGGGGCTGCGACAACATGTGCAGTACTGTATCGTGCCGTTACACGCTGGCCGGG
 AGAGGAGCCGGCCAGTTGCCTCCATTCTCGATGAAGTGAGGAAGCTGCCGAGCAGGGCCTAAAAGAAGT
 GACACTTCTTGGTCAGAATGTTAATAGTTTTCGGGACAATTCGGAAGTCCAGTTCATAATGCAGGGTCT
 GCTAACCTCAGCCGTGGCTTTACCACCAACTATAAACCCAAACAAGGAGGGCTTCGTTTTTCTCACCTTC
 TGGATCAGGTTTCAAGAATCGATCCTGAAATGAGGATCCGATTACCTCTCCTCACCCCAAGGATTTTCC
 TGATGAGGTTCTTCAGCTGATTCTGAGAGACACAACATCTGTAAGCAGATCCACCTGCCAGCCCAGAGT
 GGAAGCAGCCGTACTGGATGCCATGCGGAGAGGATATTCAAGAGAAGCATATGTGGCATTAGTTCATC
 ATGTCAGAGAGACTATCCAGGTGTGAGCCTTAGCAGCGACTTCATCACTGGCTTTTGTGGAGAGACAGA
 GGATGATCACCAGGACAGTGTCTTTACTTAGAGAAGTGCAGTATAATACCGGTTTTCTTTGCATAC
 AGCATGAGGCAAAAGACACGAGCATATCACAGGCTGAAGGATGATGTTCCAGAAGAAGTAAAATTAAGGC
 GTTTGGAGGAACCTATTACTGTCTTCAGAGAAGAAGCTTCAAAGCCAATAAGACCTCAGTGGGTTGTAG
 CCAGCTGGTACTGGTTGAAGGGTTCAGCAACGTTCTACCACAGACCTTGTGGCCGGAATGATGCAAAC
 CTTAAGGTGATTTTCCCTGACGCAGAGGTGGAGGATATCACTAACCTGGGCTCAAGGTCAGAGCTCAAC
 CTGGGGACTATGTGCTGGTGAAGATCACCTCTGCCAGCTCTCAGACCCTGAAAGGACACATTCTCTGCAG
 GACCACTATGAAAGACTATTGACGTATTGCACGACCTGAGCTGCTGGATTAGGAGTGGACTTGGGCAGG
 TTTTTCTCATGCTTTGGAGACATGTAATAGTCTTGAAGCACCTTTGCACCAATGGAAGAGTACATTTCT
 TTGTTGTCGATAGAACAACCTGTTACAATAATAAATTTCAAAATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025876

Insert Size: 1767 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:	BC025132 , AAH25132
RefSeq Size:	1951 bp
RefSeq ORF:	1767 bp
Locus ID:	66971
UniProt ID:	Q8BTW8
Cytogenetics:	2 H1
Gene Summary:	Probable regulator of CDK5 activity. May inhibit CDK5 function via its interaction with CDK5R1 (By similarity).[UniProtKB/Swiss-Prot Function]