

Product datasheet for **MC204822**

Ckap2l (NM_181589) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ckap2l (NM_181589) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ckap2l |
| Synonyms: | 2010016H04Rik; 2610318C08Rik; AV070319; radmis; rdm |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC053443
 GAAGAACTGTCGCCGTAGAGCCATGGTGGGGCCCGCCCACTGCCAGCGCAGCCGCGGAAGAACGGTG
 GCAGAAGCTCCAGGAGTACCTGGCAGCCAAGGGAAAGCTAAAGGACCCCAACGCCAAGCCTTATCTAAAA
 GCCAAGAATATCTGCCCCAAACCACCACCATCTAAATATACTCTGGACCTAAAAAGATGTTTTCAATC
 ATGTTTTGCCTAGCAAACTACAAGACCATCAACATTAATTCAGACTAAACCAGCCAGTATCACAGC
 ATCCCAGAAGCCAGAGTCGAAGCCACCAAACTCCAAGCAGAGGACTCACGTCAAGATGTTTTTCTTCT
 AACACAGACTGTAACAGTCCAGCAAGCCTCAGCAGCAACCTAGAGCAGTGTCTTCACTGCAGGACTGT
 CAAGAAAACCCAGGCAGTGCCCTGATATACAGGAACTAAAAACCAACAGCAACAGCACATGGAGG
 AAATGCTAAATGTACACATCCCCGAGACTAACACCCACGCTGCAAAGCAACCTGTGGATGGCTTCCAGAT
 GAAACAAACAAAGAAAATTGCCCCAGGCCCTGCCAAAACCTGAGAAGCCAGATCCTGAGTTACATTCTA
 TAAGAAAGCCAAATACTGGCTCTTCTAATCAAACCTCAGAAAGGTCTGGCTCCTAACAGATCTTGAGCAA
 AAGTTCAGTTACTCAGACTGCTCTGAAAGACAGAGCTAACAAACAGTTCATTGAAACACACAAATCAGA
 ACTCAAGCAGTGAAGTCTCGGCCACGCCCTACAGTTGCAGATTCTACACGACCAAGAGAAAAACCCAC
 AAACAGCTCCCTCTCATTCCGTTCCAGCCATAATAAGACTCAGACATCAAAGAAACCAATGACCAAGAA
 CACACAGGACATAACGGTTAACAGGGTTAGATACGAAAAACCAATGAACTAAGATAGAGTCATGCCCT
 GCTACTGAACAGAAAGTAAAACACACTAAACCTAGTTCCCAACTCAATGTGCTTCCAGGGAGGACATAACA
 GTAGACATCCCAACATGAGACAGGATCAGAAGCCTGTACAGCCTCATCTTGGACCCAGACGTCATGCGT
 TCTGCAAAAATCAAGAGCCATAAGCCAGAGGCCTAATTTGACAGCTAGAACTTTAATTCAGTCATCCCA
 AGCACGCCTAACATGAGAGCAAAATAAACACTTAAACAATAAGTACAATAACATCTTTCAACAAAAGGCAC
 AGACATTTGGACTCCAAGTTCAGAAAGTTTCTCCCCAGAGCCATTTTTGAACAAGACTGCTCCAGGAC
 TCAAGCCAGTACAGCAGCCGCAAGTAGGAAGGGAGCCCAAGTGCAGCCAGACTCACCCACATGGTAAA
 AAACCAAGAGGAGAGGATCGGAGAAAACAGCTGGAAGAATGGCAGAAATCCAAGGGAAAACCTATAAAC
 GACCTCCATGAAATTTAAAACAAAAGAAAAGTCAAGAGGAAATGAACACTTCTTCTGGAAGAGCAT
 TGAAGAGAAGAAGAAGAAAAGAAAGCTCAGCTGGAGCTGTCCAAGAAAATCGACAGCACTTGACAGAG
 TGCTGAGGCTCATTGAAGAGGGTGTACTTCTAATGAAATATTCACCATAGTATCCAGTATTCTGAGG
 CTGAAAAATTTGCCAAGTTCTGGGTGTGCAAAGCAAAGTACTGGCAAGCAAAGGCACCTTTGATGCTAT
 TGGACTATACGAAGAGGCCATTGAGAACGGGGCAACACCAGTACAGGAGCTGCAGGAAGTTCTGAACGTT
 CTACAAGACCCATGCAGGAGCACAGAAGCAGTAACCTCTGACACCTCAGCTGCTGGAACATAACACAT
 CTGCAGAGGAGCTGGCCAAGGAGGAATCTGAGCAGCCTTGCCATCTCTAACAGAAATGGAGCCTATTGC
 AGCAGCAGCACCCGGATACCTGTTTCAGAGTGGGATAACCATGGTATCAAATTACAGTTGCTCCGATC
 CCTAGAATATGCGGGATGCCAGAAGTGAAGACATGAAGCTTATCACTCCCGTGAGGCGCTCAGCCAGGA
 TCGAGCGCACGGTGGCTCGCTACCCAGAAATGCTGCAGGAGCATGATGTGGTGGTGGCTTCTTAAATGA
 GCTACTGGAAGTGGACAAAACAGAGTGTTCATCTTCCGTGAAAATGAGGCTTTGCTGTGACACTGGGC
 TTTGAAGTCTTGAATCATGATCTTTGATATTTGTGGGTTTTGTTTTTTTTAACTTTAAGTGAGG
 TTTTTTTCAGAGCTTGAAGACATAAATGCCCTTGTCAAGATGACATGAAATAAATGTTTGTGAGACCT
 CACCATGCAGGTGGTAGACTCTTTGGTCTCAGAAGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAACCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_181589

Insert Size: 2238 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: [BC053443](#), [AAH53443](#)

RefSeq Size: 2477 bp

RefSeq ORF: 2238 bp

Locus ID: 70466

UniProt ID: [Q7TS74](#)

Cytogenetics: 2 F1

Gene Summary: Microtubule-associated protein required for mitotic spindle formation and cell-cycle progression in neural progenitor cells.[UniProtKB/Swiss-Prot Function]