

## Product datasheet for **MC220276**

### Ckap2 (NM\_001004140) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ckap2 (NM_001004140) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ckap2
Synonyms:	AI461656; AW228814; LB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220276 representing NM\_001004140  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGAGTCCAGGAAACGCTTCTTGGCAGGGCTGCGAGGAATCCCTTGCCGGTGACCCGGGACCTGC  
 AGCTGCCCGCAGCAGGGCAGACCAGCCGGCCTTCCGAGAACAAGAAAAACAAAACTCAAGGAATATCT  
 GTTAATACGAAAAACAGTGTTTCCATACAACAAGAAAAATCAGATATCCAGAGATCAGAAAAATGATAACA  
 TCTGAGGATCGGGTCCAAGAAGGAAAAAAGTTGTGAAACTCAAAACAGAAAGTGGCTGATAAAGAAAAATA  
 TTGAAAGTACAGTTGAGAAAACTGCATTCCATTAAAAGCTGGAGAAGTAACCAGCTCAGAAATACATAA  
 TTCAAAGGATAATGTTCAAGCTGTGCAGTTATTATCTACAAGAGATGATTTGCCAGGTGACTGTGACA  
 TTAGACCCGGCATGTACCATAAAGACAATAAAAAAGATGCAAATGACTGCAGAGAAGCCCAACAAGACA  
 GTAATGTGTCTAAAAAGCGAGTGTGGCTATTATCATGGCCAGATTGTTCAAGTAAAGATTAATTCATT  
 TAGAAAGCTTCCAGTGTCAAAGGCGAGAGTCTTACAACAACCAAGAACTTCCCACTACTGTGTCTAAA  
 GCCATGAAGGCTCAGAGTGAGCCTGCGAACACCGTCAGCGTAAAAGCCTCAACTACAGCTGCTGCCACCA  
 AGTTTGCAGACGCTAAACCTGTGAGCACTGCGTCGAAGGACACACTTGTGCGACCACCTATCCGAAGCCT  
 CCACAGTAGTTCCACGGAGCTGCGAAACAGGGCCTCAGCAGGCCGCTTGCCAATGTTACAGTCAGAAAA  
 GGGATGCTTGACAAGGAGTCACATCGATCAGAACCAGTTGTGTCGGTGTCAAAGCCGGTCTTCTCAGG  
 CCCCATCAAGAAGCATAGCATCTAAAGATGCAGCCAGGACTGATTCGCTAATACCAGACTGATGGTAAA  
 GCCAAAAGATACTGACCAGCGCAGATACACGATTGCAGGAGCAAGTGTTCATAGATCAGCTCAGCTCAAG  
 GACACCACCGCAGAGAGGAAAGCTCAGATGACGGAGTGGAGAAGTGGCAAAGGAAAGGGGCTAAAACGAC  
 CTCCTCATTCAGTAGTCACCCAGGCTGAGCCAAAGGGACAAAAGTAAAACCCAGTTGGGTCTTTTGGAC  
 TACCATGGCAGAAGAAGATGAGCAGAGATTATTTACTGAAAAAGTAAACAAAACCTATTTCTGAATGCCTG  
 AACCTTATTAATGAGGGATGCCCAAAAGAAGAAATTTTGGCTACATTGAATGACCTGATTATAATATTC  
 CAGATGCCAAAAAAGCTTGTAAATATTGGATATGTCTTGTACGATTGAACCAATCACAAGTCTATTGA  
 AAATATTATCTCAATCTATGAGAAGGCCATCCTGGCAGGGGCTCAGCCTATTGAAGAGATGCGTCATATA  
 ATCATAGATATTCTAACACGAAGAGTCAAGAAAAAGTCAATTTGGGAGAAAATATTGAGGAGGCTCATG  
 CAACCAAGGAACCTATCCAAGAAGTAAATGCTGATGCTAATGTAGGGTCAAGAAAACAGGAGAGGAGAA  
 TGAACATCATGGCAAAGTTGAGGTGTATGAAGATGATCAAGACAACAAAAATAAAGATCCGGATTTAACA  
 ACTCCGGACTCAAAAAGTGAAGCAGGTTGCATAATTCGATATAATGTATCTTCTACACCTCGGCTGCAAA  
 GTATGAAAAAGATGCAACATGATAAAAAATCCACACTTAAAGAGCTAAAGTTCTGACACCAAGTGAAGC  
 CTCACGGCGCATTCAAGACAAGACTTACGACTGCCAGCCATGTTAAAAGACCACGACCTTCTGTGTCT  
 TCCTGGAGCAGTTGTCTGAGTTGGGAGGGGATGCCTTTGTCTGCCGCCCTAATGCAGCACTGTGCCCTC  
 TGTTCTTTGAGACCGACGTAGCGGAAGAGGA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001004140
- Insert Size:** 1995 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:** [NM\\_001004140.2](#), [NP\\_001004140.2](#)

**RefSeq Size:** 2601 bp

**RefSeq ORF:** 1995 bp

**Locus ID:** 80986

**UniProt ID:** [Q3V1H1](#)

**Cytogenetics:** 8 A2

**Gene Summary:** Possesses microtubule stabilizing properties. Involved in regulating aneuploidy, cell cycling, and cell death in a p53-dependent manner.[UniProtKB/Swiss-Prot Function]