

Product datasheet for **MC216500**

Cap2 (NM_026056) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cap2 (NM_026056) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cap2
Synonyms:	2810452G09Rik; AV045235
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216500 representing NM_026056
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGACATGGCGGGACTGATGGAGAGGCTGGAACGTGCAGTCATCCGGCTGGAGCAGCTGTCTGCAG
 GGTAGACGGACCTCCCAGAGGCTGCGGGGAAGTGAATGGTGTCAATGGAGGTGTGGCACCGTCCGTGGA
 AGCTTTTGACAAACTGATAAACAGTATGGTGGCCGAGTCTTAAAGAACAGCCGAGTCTTTGCTGGTGAC
 GTAGAGACTCACGCAGAAATGGTGCACGGTGTCTTCCAAGCCCAGCGTGTCTTTCTCTCATGGTCTCGC
 AGTACCAACAACCCAGGAGAATGAAGTTGCTGTCCTTCTGAAGCCCATATCGGAGAAGATTCAAGAAAT
 ACAGACTTTCCGAGAGAGAAACCGGGAAGCAACATGTTCAACCACCTCTCGGCAGTCAGTGAAAGCATC
 GCCGCCCTGGGCTGGATAGCCGTGTCCCCAAACCTGGTCTTATGTCAAGGAGATGAACGACGCTGCCA
 CCTTTTACACAAACAGGGTCTGAAAGACTACAAGCACAGCGATCTGCGCCACGTGGATTGGGTGAGGTC
 CTACCTCAACATCTGGAGCGAGCTGCAAGCCTACATCAGGGAACACCACACCACAGCCCTCACTTGGAGC
 AAAACAGTCTGTGGCATCCACAGCGTCAGCGTTTTCCATCCTCTCCTCTGGGCCTGGTCTCCCGCCAC
 CACCTCCACCACCACCTCCTCTGGGCCACCTCCACCCTTGGAGAATGAGGATAAAAAGGAGGAGCCCTC
 CCCTTCTCGCTCAGCTTTATTTGCCAGCTCAATCAAGGAGAAGCCATCACTAAAGGGCTCCGGCATGTC
 ACAGATGACAAGAAGACATAACAAGATCCCAGCCTGAGGGCTCAAGGACAGATTCCGCTCTCCAACAAAA
 CTCACACGCCGAGCCCCACATCTCCAAATCGAATTCTCTCAGAAACATACTCCAGTGTGGAGCTGGA
 AGGGAAGAAGTGGAGAGTGAATACCAAGAGGACAGGAATGACCTTGTCATCTCCGAGACCGAGCTGAAA
 CAAGTGGCTTACATTTTCAAATGTGACAAATCCACTCTTCAGATAAAGGGAAAAGTGAATCCATCACTG
 TCGATAACTGCAAGAAGTTGGCCTGGTGTGATCATGTGGTGGCATTGTGGAAGTGATCAACTCCAA
 GGACATTCAGATCCAGGTAATGGGGAGAGTACCAACAATCTCCATTAATAAGACAGAAGGATGCCACCTG
 TACCTCAGTGAAGATGCACTAGACTGTGAGATCGTGAGCGCAAGTCGTCGAGATGAATGTCCTGGTCC
 CTCAGGATGACGATTATAGAGAATCCCCATCCCGAGCAGTTCAAGACAATATGGGATGGCTCCAAGCT
 GGTCCCGAACCTGCAGAGATCATGGCCTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_026056
- Insert Size:** 1431 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: [BC057937](#), [AAH57937](#)
RefSeq Size: 1903 bp
RefSeq ORF: 1431 bp
Locus ID: 67252
UniProt ID: [Q9CYT6](#)
Cytogenetics: 13 A5
Gene Summary: May have a regulatory bifunctional role.[UniProtKB/Swiss-Prot Function]