

Product datasheet for **MC217068**

Catip (NM_001033345) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Catip (NM_001033345) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Catip
Synonyms:	Gm216
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217068 representing NM_001033345
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAAGGAGGAGTGACGGGGCTGGGCTGGAGGATATGCTCCTGTTCTCCCGGAGACTCTGGCCATCC
 TCTCAGACACAGGGGAACCTCAGGGAGAACTGACCATTGAGGTGCAGAGGGGAAGTACAAGGACGACAT
 AGGGATCCTGACCCACTGTCTACTGGTCCACGCCTCTAGCCGCGCTTCCTAGACAAATCGCTGTGTGGG
 AGCTCCCTCTAGGCTACCTAAACAACAATCTGGAGCTGATGGAACAGCACAGTCAGGAGTTCATCAAGT
 TCCCTGTCCTTCCCATGGAGAGGAAGATGAGCGTCTGAAGCAGGATGGCCAGTTTGTGTGACCAGAAG
 TGTCAAGGAGGGTGAGGAAACGAAGACCGGAGTCTCTGTTTTCCCTATAAAACATTCAAGGGCTTTGTC
 TCCAGTGCAGCCAATGTGGTCTGCTGAGAGTATGGCCTGGCAGCAGTCGGTCCCAGTGGGGCTCGCT
 TCCTAGCCTTAGACTCGGAGGGCAAGCTCTGCCATTGCACCTACAAATCCCTGGGTTCCAGACAATCCA
 AGTGGGAACACAGCAGGCTAAAAATGTTTCATCGTGGAGCAAACCATACACTCTGAAGAGGGCATCCCCTTC
 TCCTGCCAGTACTACTTGTCTCCCTGATGGGCACCTGGCTAAGAGAGTCCAGGTGGGCTCTCCAGGATGTT
 GTATCATCACCAAGATGCCCTCATAAGAGAGGAGGATGTGATCGAGTCTCCGCCACGTTTGATAAGAA
 GCCCTGGTGTGGGGGAAGACTTGAGCTTTACTCGAAATTCCTGGACCGGAAGGAGCAGCTGCGCCTC
 AGCCACGCGAGTTATCTGCGCATCACCCGAGGCCCAAGCCCTAGTCTCCGACTTCTGCTGTTCTGCTG
 TGCTCCGCCGGCCAGAGGACGTGGTCACTTCGCTGCCGAGCACTTCAGGCCCTTGCAGCGCTGCGCTC
 GCCTATCCCAGCCCTGCGATCCTCACACCAGCCAGCCCTTCCGCACTCTGGAGAATGAGGAAGAAGAG
 GAGCGGAAGGAGGAGGAGGAGAAAGAGGAAGAGGAGGAAGAGGAGGAGGAGGAAATAGCGGGGAGATAGAGG
 GGGAGGAAGAAGAAGAGGAGATAGAAGAGGGTGTGACTACTTGTACATGGACGAGGATGAAGACATCGA
 GGACTACACCTACTATGAGAATTACTATTACAACCTACGATGAAGAAGTTGACAGTTACGATGATGTCAC
 AACTACGATGATGACGACATTGCCAATGTTGACGACAATGACGATATTGACAATTACGATGATGACAACG
 ACGATGACGATGATGACGACGACAACGATGACGAAGATGATGTTGACGACAATGATGACGATGATGTCGA
 CAAAGTCCGAGCCAAAGTCGACAACCTCAGTGTGACAATGATGACAACGATGTTGTCAACAGTGACAAC
 GTTGATGTCGACAATGACAACAACAACCGGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001033345
- Insert Size:** 1506 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_001033345.2](#), [NP_001028517.1](#)

RefSeq Size: 2101 bp

RefSeq ORF: 1506 bp

Locus ID: 241112

UniProt ID: [B9EKE5](#)

Cytogenetics: 1 C3

Gene Summary: Plays a role in primary ciliogenesis by modulating actin polymerization.[UniProtKB/Swiss-Prot Function]