

## Product datasheet for **MC219772**

### **Cfap100 (NM\_173775) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cfap100 (NM_173775) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cfap100
Synonyms:	AW048498; C030041G11Rik; C230069K22Rik; Ccdc37
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219772 representing NM\_173775  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTTCAAGGCACGGTCTCTAGTTCTCCGTGAAAAATGGTTGAAGACACAGGAGGCCAGCCAGGATT  
 TAATAAACAAACAGCTTCTCTCCCTTCATTGAAGAGAAGAGCAAAGAGTCAAAGAAAAACAAAGGGAAATGT  
 GACTATTTCTGACCGCTCAAGTAACCCCTTCCACATATCAAGGGACATGGATTACTTTTTGCTCAGAGAG  
 CAGGAGCAGAATCAAGCTATTGCAGAGCGTGAACAAAAGAAGATTTTGAGAGTGCACCAGAAGATGACCT  
 ATGCATCCAAGGTATCGGCCAAGCACACTAGCCTGCGCCGGGAGCTACAGCTGGAAGATGAGATGGAACA  
 GCAGCTGCTGAACGCTGAGGCCAAGGAGATGAACTGCTCCGAGAAAACAATGACTGGAAGCTGGCCATG  
 ACCCGCAAAGGAAGAGAGAGCCTGAAACTGAACTGACTACATGGAGAAGAGGCCAAGCATGTTCTCC  
 TCCAGTATGCCCTGGCAATGAAGCGCAATGAAATCCAGCGGCTGGAAATGCTGGCAGCCGGGAGGAGAA  
 CAGGCTGGAGAGGGCTGAGAAGTTCCTGGAGAAGGACGCGTCTTGTGTTGACGAGTTCCTCAGGGAGAAT  
 GACCGCAACTCAGTGCAGGCCATGAGAATGGCTGAGAAAGAGACCAAGATCAAGACAGAGAAGATCGTTG  
 AGATCCGGAACTCACAGCCCAGATCACGAGCATCAAAAAGCGAAATCTCCAAATTTGAAGACACCTTGAA  
 ACATTACAAGATCTACAAGGAGTTCCTGTACAAGTTGTCAACCAAGAGTGGCTGGATGAGCAGCAGGAG  
 AAGCACCTGGCTTTCAAAGGGCCAAGGAGTCTTCAGAGCTCACCAGGAACAACAGCACTGCCATCTTAT  
 TCGGTGACAAAGGATCTGGCAGTAAGAGCAAGACAGCCTTCTGTGAAAAGAGGTTCCCGGCTTGAAGAA  
 GGTCAAAAGACTGGGCGGCTTGTAAAGGCACTATCATCTAGCATTGAGAGCCTCCCGCAGGTCGGTCAG  
 CTCACCCAGCTCAGCCCGCACAGCGAGCTGGACTCCAGACTGTCAAGCACCATGTTTCCATCACAAGACG  
 ACACTGACAGCGATGGGAGGAGCTGGCACTATACTTCACTGAGCCCCAGCAGCTTTAGAGCTTTCAC  
 AAAGCTAGAGGAAGAGAACTTGTGCTGATTGAGAACACGAGGAGATGGAGGAGACCTTGGATGAACTG  
 AACGCTACTCTGAAAAACCCAGATCCGCATGGACAAGGAGTCAACCTTCTGAAGCAGTGGATTGCCT  
 CCATGATGATCAATCTCCAAGGAGGAAGAGTCAAGCCGAGAACTGGAGCTCAAAGCCCGAGTCTTCCA  
 CTTTGGGGAGTATCAGGGTGACCAGCAGGACACGATGTTGGAGAGCCTGAACCACAAGGTGCTGGAAGTC  
 TACCGGAAATGTGTGGGCATGCAGCAGGAGGCCAACTTGGGCACAGTGCAGATGCTGACTGTGGTGGAGC  
 GTCAGCTGGATGAACTGCTGGAGAATCTAGAGCGAGTGCCTCAGGTCAAGATTGAGCAGGCTGAGAAGGC  
 CAAGGAGAGGGAGCGGCATGAGGCTTCGTGAAGAGAAGGCCATGATGCAGAAGCAGCTGCAGGAGGAA  
 CGTCTGCAACGGGCTCGAGCCAGGGCCAGGCTAAAATAAAGAAGAAGAGAGGCCGGAAATTTGATAGCC  
 GTTCCATCCACAGTCATCAAAGTGAAGGAGTGCCTGAACAGACGCTGATCAACAAGGACAAGGAGGA  
 GATGCTCTTCTTCTACT**AG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_173775

**Insert Size:** 1842 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\\_173775.3](#), [NP\\_776136.2](#)

**RefSeq Size:** 2141 bp

**RefSeq ORF:** 1842 bp

**Locus ID:** 243538

**UniProt ID:** [Q80VN0](#)

**Cytogenetics:** 6 D1

**Gene Summary:** May play a role in ciliary/flagellar motility by regulating the assembly and the activity of axonemal inner dynein arm.[UniProtKB/Swiss-Prot Function]