

Product datasheet for **MC221965**

Cfap221 (NM_001115074) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfap221 (NM_001115074) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cfap221
Synonyms:	Gm101; Pcdp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221965 representing NM_001115074
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGTTGTGAAAAGCCCATGCAGGAACAACAGGCAAAAAGAACCCTTTGATACGATGTCACCCC
 TCCTCTTGAAGAGCCTGGTAGAGGAGCCCAAGAAAAGAACAAGAAGTGCCTAACCATCTTCTGGAATCCAG
 GGTTCATGCCAAGCTTCTGAACAACAAGGTCATCCAGGCCAGGCCAGGCATAGTCCACTTTGGAGGCTAT
 GAGATAGAAAAGCAAGCACCAACAGATTCTGAATATCGCCAATATTTCTGATGAAGACACACACCTTCATA
 TTTTACCACCACAGACCAATACTTTTCAGATCAACTTTGAAAAGAAGGAGCACCGGCTCATCCCAGGCTT
 GTCACCTCACGGTCACTATTACATTTTCTCCAGATGAGTGGCGCTACTATTATGACTGCATCCGCATTAC
 TGTAAGGGAGATGACACCTTGTGTCCCATTTCATGCCTACCCTGTCTTGAATAACCTGGACTTCCCCA
 CGTTTATAAATCTATCAGATGTCTTCTCGGAGAAAAGCAAAGCTATGTGATCCCCTTGAGTGCAGCTG
 CCCTGTGGATTTGCAATCCATATCACGTTGCTTCGGTCACATCAGGCCCTTACGATTGAGCCAAAGTCA
 GGATAAATTCAGCTAATGGGAAGGCAAAAAGTAACTGTCAAGTTCACACCCATCCAGTATGGGATGGCAC
 AGATAAAAATTC AATTGTGGATCTCCAGTTCAACTCTCAGCCATACGAATGTGTCTTCACTGGAACCTG
 CTACCCCAACATGGCCTTACCATTAGAAGAGTTTAAAAGATTAATACTCGTTCTAAGAAAGTAAATGTT
 CCTCTAGAAAAACAACGTATGTGCAATTTTACCCGGCTCCGGCAAAGGCAAAACCGCAGAAGTTGAAGG
 AAATTGATTATCAGGACCTGCGGTTTCCAGCTGACCTGTCAAATCCATTTGCCGTGGCAACCGTCTCAA
 CCAGGAACCTGGAAGTTGAAGATTAAGGAATTAACAAGTCTGGACCAAGGTGACGAAATCTCCAAA
 ACCAGACAGATGAAGGAAGCGATCTTCGAACAGAAAAGTACAGACAGGACATCCTGACAGAGATCGAGAACC
 ATCTTAAGTGGCAGGTGCACCTTGAAAAGAACAACAACAATACAGGTTTAAAAGAGAGCTCACTGAGGA
 GTGGAAAAAAGCACGCGCGAAGTACAAGCAAAAACAGAGGCGACCTGTGGAAGGGGAGGAGCTCCAGCGA
 CTGCAGACCGAACAGAGCAAAAAGCGCATCGTCCGCGACCTGAAGGGGAAAAGACAGGAATTTATCCTTA
 ATTTTGTCTCTTGTGAATAATGTGTGGCTGACCAGACACCGGGCACAAGACGGTTTTCAGCAAGCAGC
 TCGCAAGATCATGCTGGAGCGAAGGTTGCTCAGTATGCTGGGGCTATCCGTGGAATGGACAAAAGAAAGC
 ATCTTGAGGAAGATTATCCAAGTCAACGGAAAACCTGATACAAGGAGAGAATCCCTCCCGAGGGCGGAGGG
 CCCACCTGAAGCAGGAGGACAACATCTGGCGCTACTCACTAGAGTCTGAGGAAGTCTGCACTTCGCCTT
 CCCACGGACTCTGAGAGCTACAACGAGTTGGCTCTTGATGGCCTTGGACTAGTTCCAATTAATCTCCA
 GAAATTC AATCAAGCACAGTTATCCCTACTTCACTTTAAAGTTCACAGTTATACAAAATCAAGGGAT
 ATCATCCATTTTCTGTCAACAAGTCTCAACAAATACAGACTTCAGAAGCTTGTCTGACCCCTGAAGCA
 TGGTGCTGAGGATGAAGTCAACCACATCATAACCATACCCAAGAAGGATACCACACCGCTCTCGGCAAG
 CCCTCCATCTTGAGTATGAAACCACCTGAGGGCTTAGCCATGTCTGTGGAATATGATCCGCTGTATTTT
 TTAATCCCAGCCCAGGACTGTTTCCCGTGAAGCATCCTCTGACCTATGCGGAGACACTGATAGATTACCA
 TCTGTGCTCTCACCAAAGTACAAGTACACCCAGGAGTCCCACATGGGGTCCAGCATTCTCTCACCCAA
 AGGCAGTTTCTCCATCATACGGATATAATTCTGGAATCATGAACTGGAAGAAGTCCAGCCCCTGGTGT
 TTTCTCCATGTCTGACCCCTCTATGGTGAAGCCACTCAGAGAAGTACTGGTACAGTTCCGTGATGCT
 GCCCATAGATGTCCCTGCCCACTGGAGGACTTACCAGAAGAAGACAGACTGGAACACTACTGAGCGAGAT
 CTCTGTGATCAGGGCATAGAAGTATGCTGACGCCAGAAATGGTCCAAGTGAATTC C C C C A T G C T G A T T C
 ACAGGGACTCCAAGAAGGAGAAGGATTTCAAAGACTCCACCCAGTTACCAGAAAAGGTGGGAGAAGGGT
 GCAGGAGGAGATGAAGAATCTGCGAAGCAAAGCTCTCAACACGTACCTGATTCTAGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001115074
Insert Size: 2511 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:	<ol style="list-style-type: none">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_001115074.1 , NP_001108546.1
RefSeq Size:	2511 bp
RefSeq ORF:	2511 bp
Locus ID:	226356
UniProt ID:	A9Q751
Cytogenetics:	1 E2.3
Gene Summary:	May play a role in cilium morphogenesis.[UniProtKB/Swiss-Prot Function]