

## Product datasheet for **MC221610**

### **Cfap74 (NM\_177674) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cfap74 (NM_177674) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cfap74
Synonyms:	2010015L04Rik; A530045M11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221610 representing NM\_177674  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAAGAACCTACTGTCCAGTTTTCTGATGAGGACCTTGTGGACAACCTCCCTCCCATGGATGACGAAA  
 GAGTCCAGTTGGAGGATCTGGAGTTTGAAGTTGAACGGCCTTCTGAGGGACTAGAGGATGAAGGCAGCCA  
 CAGTTCAGCGAAAAAGGAGAGCAAGGGTCCGAGAAAAATGAGGAAGTCAACCACTAAAGACCAAGTCCAG  
 GCGTTTCATCTTCGGAAGAGCTTGAACCTTCTAGACAAGATGCATGAGGAAAAGGACGTGTTTCATCCAGA  
 AGACCAAGGAGAGCTGCATATCTGTCGTGAGGATGGACCTCTCAACAAGCAGCAGGAGAGCTTGGC  
 AGCCGAGATCGCCACAGAGAAAAGCCAACAACATGGCTGCTATTGGCCGTCTCCAGGCTGCATCCAGG  
 CGCCTGCAACAGAGCTAGAGAACGAGAAAGATCTGCAGTCCAAAATCACAGCCATGCTGAAGGACAGCG  
 AGAATGCCATGTGGCACATTGAGATCCAGAAGGGGCAATTTGAGGATGTCGGGAAGCACCATGAAGCAGA  
 GGCAGAAGCTAGACAGAGGGCCTTGAAGTACTCTGCTCGGCAGCTTCAAAGGAAAGAGAAGCCATG  
 GAGAAGTCAGAAAAGAACCCTGCTGAGGGCCCGGAAATCTTTGCATACACAAAAGGAGCTGGGGCTGA  
 GACATCAGAAGCTAGTGAAGATGCCAGAGAAAACACAGGATCGCAGTGAAGTTCTGAAGGCCTCTCT  
 GGAAGAGTTCGTGAGCGAGAGCAGAAGGAAGAGATGGAGTGCAGCAGCACATGCAACGGCGCATGGAT  
 GCCGTGCTGTCCCTGAAGAACACATCACTGCCAGTCCGGAAACACTAAAAAGTTCCAAGCATGGGGCC  
 AAACCAGGGCAGATCTGGCTAAGCAGAAGGCCCTTACAGAGAAAAGTATCCTATCCCAAGGCGGAGA  
 TGCCTTCAAGTACCTTTTCATCAACGCAGGCACCAGAACTAGAAGCCAGAGCGGGCTTTTGAAGAG  
 GAGCAGAACTCAGGAAGCAGGAGATTGTAATCGGATTTTGAAGAGGAAGCTGAGGAAGAACAAGGA  
 AAAGGAGACAGCATCCGCTCTCTAAACCCATAAACCCCGGACTCTGAGAGACAAGACTGGCAGTACAT  
 CTCTGACTTTTGCGAAGGAAGAGTGTGCTGACCAGCCAGCAGGAGCGTGAGCGTGAGCTGCTATTATAC  
 CCAAAGACTGTGTGTGTAATAAAAGCCATCTCTAGTGAGTCTGTTCAAGTGGACCTAGGAAGCATAGTA  
 CAGAGGACGAGGTACTGGCTGAACCAGATATTTCAAGGCTTTGGAACAAAGAGTCATACCAGGTGCCAA  
 GGAGGACATGGAACGAAAACCTGTGGCGGAAGTAAGATGGAAAAGGATATCCTGGCTCGGACTATGGAG  
 CAGCTGCGCAGTGGGGTGGTTCAAAGCAGGTGGTATCTGGTGGGAGTTCAAGGGCCGCCATTCAATA  
 GCAAGCCTGAGGTCACTCAAGGACTTTGATATTGGCAAAGTATACAAGAAGAAAATCACGCTGAT  
 CAATGCTACTTACACAATCACTATTGCAAGCTGGTGGTGTGGAGGAGAACCTGAAGGACTTCATCCAC  
 ATTGACTTTGAACCCCTGGTCCATGTCAGCCGGCATGTCCTGTGAAGTCTTGTACCTTCAAACCTA  
 TGATAAATAAAGATCTGGAAGGAAATGTCTCGTTTTTGGCTCAGACGGGAGCTTTTCTGTTCCACTGAA  
 ATGTTCAACGAAAAAATGTTCTCTGTCCCTTGACAAGGAGCTCATTGATTTTGGGACCTACGTGGTGGGT  
 GAGACCACATCTCGGATCATCACTGACCAATGTCCGGGGCCTGGGCACCAAATCAAGTTTCTCCCCG  
 ATTCTGAGTTCTATGAGATGGATGAGTCCCAGCCGCCATGAAAAAAGCAGCCTTTCACCTGTGAGGA  
 AAAAATTATATGAGAAGATCATGACCAGTCTTCTGAGCAGCAGCTTGAAGTCAATGACTCTTCCCTA  
 GTGGACCTCCAGAGCCTGAAAGAGTCTGAGAAGCAGCTGGATGACCCAGAGGTTACTACAGCTGCAGTCA  
 GTGCCATGACCATGATTTCCAGTGAAGGAGCAGGATCACACTGGGGGAGGTGACAGAGGGGAAAT  
 CGGTCCCTCAGTCCGTCAAAGTACCCATTACCTTACCCAGTTATCCAGGAGAAGTCCAAACTAAA  
 TTCAAGGTCATGTTTAAGAATCCACAGAGTCCACCGATTTACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_177674  
**Insert Size:** 2355 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_177674.5</a> , <a href="#">NP_808342.3</a>
<b>RefSeq Size:</b>	3019 bp
<b>RefSeq ORF:</b>	2355 bp
<b>Locus ID:</b>	544678
<b>UniProt ID:</b>	<a href="#">Q3UY96</a>
<b>Cytogenetics:</b>	4 E2
<b>Gene Summary:</b>	As part of the central apparatus of the cilium axoneme may play a role in cilium movement. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).