

## Product datasheet for **MC218841**

### **Cfap45 (NM\_027972) Mouse Untagged Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Cfap45 (NM_027972) Mouse Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Cfap45                                  |
| Synonyms:                 | 1700028D05Rik; Ccdc19; Nesg1            |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >MC218841 representing NM\_027972  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGCCACTAAGGCCAGGGGATGCCTCAAGCTCTGCTTCCACCGCTTCCAACCGGTCACGGACTAGGACTC  
 GCTATCGAACCAAAGCCATGAACCTCTGAGGTAGACGAGAGCCTCTTTGGAGGTGTCAAGCCTTCATCCCA  
 GGGCAAGAGCGACAGCCCTATCGTGGTGATCCATGATAAACACGCTATCCGGAAGCTCTCAGTGCTCTG  
 GGCTTGGAGCACAAAGACGGAGACGATCCAGCTCATCACTAGAGACATGGTCAGAGAACTATTGTTCCCA  
 CAGAGGACCCCTCTGGGAATCGCTAATCATCAGCCCCGAGGAGTTTGGAGGATCAAAATGGGCATCCCA  
 AGTCTGACCAAAGAAGAACTGAATGCCAGAGAACAGGCCCTCAAGAAGGAGAAGGAAGGCATCTTGAA  
 GCCGTCACAATTCGAAGAAGATTATGAAGCAGAAGGAGATGACTTGAACAATAACAAGAAGCTCAGTG  
 ACCTGGAGGAGGTGGCCAGGGAACGGGCCAGAACCTCCTGCAGAGAGCCGACAAGCTCCGTATGGAGCA  
 GGAGGAGGAGCTCAAGGACATGAGCAAGATTATTCTGAATGCCAAGTGCCACGCAATCCGGGATGCCAG  
 ATTCTGGAGAAGCAGCAGATACAAAAGGAATTGGATGAAGAGGAGAGGCGGTTGGATCACATGATGGAAA  
 TAGACCGCGCGGAATCCCTCCAAGGCAGGAGGATCGGGAAGGAACGAGGGAGGAGAGTACGGGG  
 AAAACGGCACATCGTGGAGCAGATAAAGAAGAACGAGGAGGAGAGATCGCTGCAGGCGGAGCACCGTGAA  
 CAGGAGAAGGAGCAGATGCTGGCCTACCTGGACCGGCTCCAGGAGGAGGATTTGCAGGATCTGGAACGAA  
 GACATCAGGAAAACTGAAGATGCAAGCTGAAATTAAACGTATCAATGATGAAAACAGAGACAGAAAGC  
 AGAGATGCTGGCAGGAGAGACTGGCAGACCAGATGGTGATGGAATTTACCAAGAAGAAGATGGCTCGA  
 GAGGCAGAGTATGAAGCTGAGCAGGAGAAAAATCCGGAGGGAGAAAGAGAAGGAGATCGCCCGCTGAGGG  
 CCTTGCAGGAGAAGGCGCAGGATTATCAAGCAGAGCAGGATGCCTTGGGGCCAAGCGCAACAGGAGGT  
 TGCAGATCGAGAGTGCGCTCGAAAGGAAAAAGGAAATGCGCAGAAGAAGATAGAGACAGAGGAAAAAGCTG  
 CGCAAAAGCCGGCTGGAGCAGGTGGCATTCAAGGAACACACGCTGGCCGTTTCAAGTTTCAAGCTGACCGAG  
 ATGAGTTTCGAGAGGATCCTTCGGGCTCAGAGAGAGCAGATTGAGAGGGAGAAGCAGGAACAGGAGAAGAA  
 AGCCAAGGGGTGCTCCAGCATGCCAACGAGCTCCGACGCGAGGTGCGTGAGAACCAGCAGAAAACGCTG  
 CAGAACCAGGCTCGCTACCTTCGAAGAGGGCCGCCGCTCAAGGAGGAAGCTGAGAAGCGCCGCGAGCGCA  
 TCGAGGACATCAAGAAACAGAAGCTGGAAGAGCTGAGAGCCACCGGCTTCTGAGAAGTACTGCATCGA  
 AGTTGAGCGTAAAGCCAACATCCTGCCAGCCACTTCTGTAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_027972

**Insert Size:** 1656 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM\_027972.1, NP\_082248.1

**RefSeq Size:** 1822 bp

**RefSeq ORF:** 1656 bp

**Locus ID:** 71870

**Cytogenetics:** 1 79.91 cM