

Product datasheet for **MC217325**

Cfap53 (NM_028948) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfap53 (NM_028948) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cfap53
Synonyms:	4933415I03Rik; Ccdc11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217325 representing NM_028948
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACAGCCAGCAGTTTGGCACTGTTCCAAGGGAATTTAAGGGCCCCACTCCCAAAGCGGTGATCATAA
 GAGCCAAGCCTCCCAAAGCTCAGAGAGCTGAGCAACATCTAAAAAGAATCCAGCGCAGCTACCACAAGTA
 CCACACTACTTTGGCTTCCATCAAGTCAAATGAGGAGAATCGCCTGAAATGTGACTGGATCCAGCGCAAT
 AACCAAGACCTTTGACAGTCTTGTGCAAGCGAGAGTCCAGGATGCCATGCAAGGCTTTGTCATCAATA
 CTGAAGAGAGACGCAATAAGCTACGTGAACTTTTGGCATCAGAAGAAAACGAGTATTTTTCTGAAATGCA
 ATTGAAAGGAGAAACCATTGAAGAGAAAAAGACAAAATGAGAGAGAGAACCAAGTTATTAAGAGAGAAG
 AAGGAAAAGGAGAGGCAGGAGTTGTAGCTGAAAAGTTAGACCAGCAGTTCAGGGAACGCTGTGAGGAGC
 TCCGCACTAAATTGGCCAGCATCCACGAGAAAAAGGTGGTTGAGGAACGGAATGCCGAGATAGAATTCAA
 CAAGGAGCTGAAGAGGCAAAAGCTGGTGAAGAGCACCTTTTGGGAGGCTTTGGGAGGAAGACAGATTA
 CGGAAGGAAAGGCGAGAAGCCCAAGAGGAGAAGAGACAGAGAGAGCTGGTACAAAATACACGCCTGGGTC
 TGGATGCTCAGGTGACCAGCATCCAGGCACAAAGGCAGGGGGCACGAAGGATGAAGGAAGAGGAGGCCCG
 CATCCTGGAGCAGAACAAAGCACAGATCAAACGAGAGGACGAACAAGAAAACTCCAGAAGCAGAAGAGA
 AGACAGGAAACTAGGAGCAGTTTAAAAAGCTGTGCAGGATAAGATAGAGTCTATGCAGCGGGAGTACA
 GAGAGGACCTGGACTTGAACATGAACTCGTGGGAAGGGCCCTTCAAGACTTACAAGATGAGGCAGATAA
 GAAGAAGCAGAAGAGAGAAGAAATGGGAAGAGAGCAGAAGATATACAATGACTATCTAATGCAGCGACGA
 GAGGAAGAAAAAGCCAGGAGAAAGAATCAACAGACTACTGGAGGACATAAAGGCAAAGAAGTTGGCTG
 AGAAGGATCGGGAGCTGGCACTCCAAGGGCGGCAAGGAAGCAGCTCATGAATGAAGTCAATGAATACAAG
 AAAACTCCAAGTTCAAGAAAGATTGCAGCGAAAATCAGAGAACAAGAAGAACTTGCTCTGCATGAACAG
 CGTATAAGCGAAAAGCCTGAAGGTGCTTACCAGGAAGACATGGAGGACTTTGCCAGGCGCTGTGCTTTGG
 CTGAGGAGTATAGGAATCAACTTCAGATGCAGATTGCCACCAGCAGCAGGCTCGAGAAGCAGAAAAAGGA
 AGAGGAACGCCAGGAATTTGAAGCAGGTTGGCAGCAAACAAAGCCTGCCTGGACAAAATACAGAGGATC
 CTCTCTGAGAATCAAGCTCTGTCCAGAATGTCCACCCCATGCGAAGGGGTTACCTGACAAGCCTCCTC
 TATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_028948

Insert Size: 1545 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_028948.2 , NP_083224.2
RefSeq Size:	1876 bp
RefSeq ORF:	1545 bp
Locus ID:	74453
UniProt ID:	Q9D439
Cytogenetics:	18 E2
Gene Summary:	<p>May play a role in the beating of primary cilia and thereby be involved in the establishment of organ laterality during embryogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shorter, protein-coding transcript. CCDS</p> <p>Note: The coding region has been updated to extend the N-terminus to one that is supported by available conservation data. The use of an alternative upstream start codon would result in a protein that is 86 aa longer.</p>