

Product datasheet for **SC316017**

CFAP94 (NM_001082972) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP94 (NM_001082972) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP94
Synonyms:	CASC1; LAS1; PPP1R54
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001082972, the custom clone sequence may differ by one or more nucleotides

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ATGAGGCAGACAGGTGGAGGGGCGACCACTGATTCTGCTTACCAGTGTTAAATAATGTA
ATCAAGAGCCAGTCATATTTTACAGCGAAGCGGTTCGGTTTGGGAAATAACTCATACCTT
GGGGTGGGTCGGCCCTCTTCTCAGCAATGGCTTTCCTTACCTGGACCAGGCGGACAGGGT
CCCAAAGCAAAAAGTCTGGCAGTAAGAAAAAGAAAGTCACCAAAGCTGAACGATTGAAG
CTGCTACAAGAGGAGGAGGAGACGACTGAAAGAGGAAGAGGAAGCCCGTTTGAATAT
GAGAAAGAAAGAAATGGAAAGGCTTGAAATACAGCGAATTGAGAAAGAAAAATGGCATCGA
CTTGAAAGCAAAAGATCTAGAAAGGAGAAATGAAGAACTTGAAGAACTTTATTTATTAGAG
AGGTGTTTTCTGAAGCAGAGAAATTGAAACAGGAACTAAATTGCTTTCTCAGTGGAAG
CACTACATTCAATGTGATGGGAGTCTGATCCTTCAGTAGCCCAAGAAATGAACACGTTT
ATTAGTTTGTGGAAAGAGAAAACAAATGAGACTTTTGGAGAAAGTATTGAGAAGAGTAA
GTAGTGCTAAATTAATTGAGAAATGAAATTTATTTACTGGAACTCCACCATGTGAT
TTGCAAGATAAAAATATAATACAGTACCAAGAATCAATACTACAACGCAGGAGCTCCTT
CATCTTAAATTCGGTGTAGCCACAGAACTACTTCAAACAAGCTAGTACTTTGGCAGAT
CTGGACAGTGAAATATGGAAAAAGTCATTAAGATGAAATGTTACTCTGTATGTGTGG
GCAAACCTCAAGAAGAATCCAAGGCACAGAAGTGTAGATTCTCTGAAACACAAATTGGA
TTTGAGATTCCAAGGATATTAGCAACAAGTGACATTGCTGTACGACTCCTGCATACCCAC
TATGATCATGTTTCTGCACTGCACCCTGTTTCAACACCATCAAAAAGAAATACACTTCTGCA
GTAAGTGAAGTGTCAAAGATGATGTTAAGAATGTAGAAAAAGCAATCAGCAAGGAGGTC
GAAGAAGAGTCCAACAACAAGAAAGAGGGTCTCACTTAATTCAGGAGGAAGAAATAAAA
GTTGAGGAGGAACAAGGTGATATTGAAGTGAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA
GCCATAAAATGTGAACGAGAGATGAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA
TTGCTGGTAGAGAATTCTTCTGAAAAGCCAGATTCTTTGAAAGCAATGTGGTGGATTTA
TGCCAGTTCACAACTCTGGGTGGAGTATACCACTTGGATATTTTGGAGCTTCTCCACAG
TGTAACCAGTGAAGGGATGGATGATTGTGAAATACTCAAAGAAGGATTACAGAAATAC
ACATATCTCCGAAACTACAGAAGAGTTTGGACAGAAAATGCTTTCCACCTATAGAG
GTCACACTTGAGGTTTATGAGAATGTAATCTTTTTTGGAGTCTGTGGTTGTAAGGTGG
GATGCTGAAGGTAACATTGGGAACTGATGGCATCAGCAATGTATCCTACAAACAAAA
GAAAGACTTGTAACATTCAGCCTGGACACCTTTGGCCCTGTTACCTTGATTCAAGATGCT
CATATTAACATGCCGTACCAGTCATGGGAACTAAGACCACTTGATGTAATAAAGTACTT
TTAACTGTGACTACAGTATTTACTGAGATTCAAATACAAATTAAGGAAAACCTCTGCATG
TTATCTTCAATCAAACTAAAAGACAAGAAACACATCTCTATTTTGGAAAGAACCTGGATG
ACTCCTATTCTTTTCAATTATTGCTTTGAAAGAAGCTGGACTGAATATCTTTCTACTAGA
CACTCTCATTTTTATGTTATTATAAACAATAAGGTTTCTTTGGTAGAAGTGAAGCTTAT
CGACAGATGGCCCTACTAAGTTCTGCTTTTGCATTTGGTTGGAGCAAGTGGAACTACTA
TGTAATTCTACAAAAGTCGTATTTAAGTGG

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Restriction Sites: Please inquire

ACCN: NM_001082972

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001082972.1</u> , <u>NP_001076441.1</u>
RefSeq Size:	2651 bp
RefSeq ORF:	2073 bp
Locus ID:	55259
UniProt ID:	<u>Q6TDU7</u>
Cytogenetics:	12p12.1
Gene Summary:	<p>Via its association with the multisubunit axonemal dynein complex, is potentially involved in the regulation of cilia function. May also act as a cell cycle regulator.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate splice site in the 5' region and in the 3' region, compared to variant 1. It initiates translation at an alternate start codon. The resulting isoform (c) has a longer N-terminus and a shorter, distinct C-terminus, as compared to isoform a.</p>