

Product datasheet for **SC316022**

CFAP94 (NM_001082973) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP94 (NM_001082973) 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_001082973, the custom clone sequence may differ by one or more nucleotides

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ATGTCTGGCAGTAAGAAAAAGAAAGTCACCAAAGCTGAACGATTGAAGCTGCTACAAGAG
GAGGAGGAGAGACGACTGAAAGAGGAAGAGGAAGCCGTTTAAAATATGAGAAAGAAGAA
ATGGAAAGGCTTAAAATACAGCGAATTGAGAAAGAAAAATGGCATCGACTGAAGCAAAA
GATCTAGAAAAGGAGAAAATGAAGAACTTGAAGAATTTATTTATTAGAGAGGTGTTTTCT
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TTAATTGAGAAATTGAAATTTATTTTACTGAAAACCCACCATGTGATTTGCAAGATAAA
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GGTGTAGCCACAGAAAATACTTCTCAAACAAGCTAGTACTTTGGCAGATCTGGACAGTGG
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AGGATATTAGCAACAAGTACATTGCTGTACGACTCCTGCATACCCACTATGATCATGTT
TCTGCACTGCACCTGTTTCAACACCATCAAAAGAATACACTTCTGCAGTAACTGAGCTT
GTCAAAGATGATGTTAAGAATGTAGAAAAAGCAATCAGCAAGGAGGTCGAAGAAGAGTCC
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ACTCTGGTGGAGTATACCACTGGATATTTGGAGCTTCTCCACAGTGTAAACCAGTG
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GAAACTACAGAAGAGTTTGAGACAGAAAATGCTTTCCACCTATAGAGGTCACACTTGAG
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ACAGTATTTACTGAGATCAAATACAAATTAAGGAAAACCTCTGCATGTTATCTTCAATC
AACTAAAAGACAAGAAACACATCTCTATTTTGAAGGAACTGGATGACTCCTATTCTCT
TTCATTATTGCTTTGAAAGAAGCTGGACTGAATATCTTTCTACTAGACTCTCATTCTT
TATGTTATTATAAACAATAAGGTTCTTTGGTAGAAGTGAAGCTTATCGACAGATGGCC
CTACTAAGTTCTGCTTTTGCATTTGGTTGGAGCAAGTGGAACTACTATGTAATTCTACA
AAAGTCGATTTAAGGTGAGGGAACACCTTACTGAAGAATGACTGAGAAATCCTAATTGG
GCCCTTTAATGTTTAGTGGTGACAGAGCACAAGACTGAAGTCAAGGAAGAGAGTGG
GCATTTCTGAAGCACTTAAAGAAGAACTGAGTTTCTTACTTTATATCACATGGTG
AAGGATTTGCTTCTGAGGAAGCAATGGAGAAAGTCAGGAGTTCCAAGTGTGAGTTGTC
AACTCTGTGTGCCACATGCTGCTCTCTACCAGATTGCTCAGCTACTCC

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Restriction Sites: Please inquire

ACCN: NM_001082973

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_001082973.1</u> , <u>NP_001076442.1</u>
RefSeq Size:	2505 bp
RefSeq ORF:	2151 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 (2) lacks an in-frame exon in the 5' coding region, as compared to variant 1. The resulting isoform (b) is shorter at the N-terminus, as compared to isoform a.</p>