

Product datasheet for **SC329706**

CFAP94 (NM_001204102) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP94 (NM_001204102) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP94
Synonyms:	CASC1; LAS1; PPP1R54
Vector:	pCMV6-Entry (PS100001)

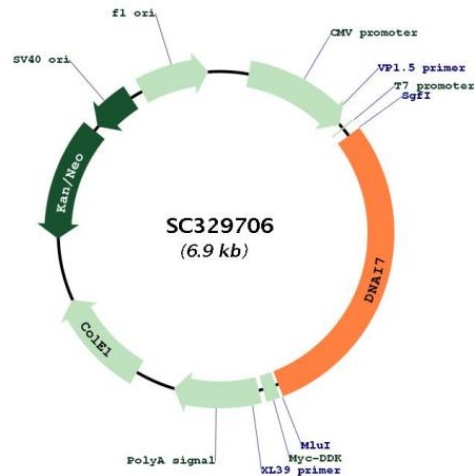


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Fully Sequenced ORF: >SC329706 representing NM_001204102.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAAGGCTTGAATACAGCGAATTGAGAAAGAAAAATGGCATCGACTTGAAGCAAAGATCTAGAA
AGGAGAAATGAAGAACTTGAAGAACTTTATTTATTAGAGAGGTGTTTTCTGAAGCAGAGAAATGAAA
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GCCCAAGAAATGAACACGTTTATTAGTTTGTGGAAAGAGAAAAACAAATGAGACTTTTGAGGAAGTATT
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ACTGAGATTCAAATACAAATTAAGGAAAACCTCTGCATGTTATCTTCAATCAAACATAAAGACAAGAAA
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AATTGGGCCCTTTAATGTTTAGTGGTGCAGAGCACAAGACTGAAGATCAAGGAAGAGAGTGAGGCA
TTTTCTGAAGCACTTAAAGAAGAACTGAGTTTCTATTCTACTTTATATCATATGTTGAAGGATTTGCT
TCTGAGGAAGCAATGGAGAAAGTCAGGAGTTCCAACCTGTCAGTTTGTCAACTCTGTGTGCCACATGCTG
CTCTCTACCAGATTGCTCAGCTACTCCTAA
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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001204102

Insert Size: 2031 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.

RefSeq: [NM_001204102.1](#)

RefSeq Size: 2550 bp

RefSeq ORF: 2031 bp

Locus ID: 55259

UniProt ID: [Q6TDU7](#)

Cytogenetics: 12p12.1

MW: 78.3 kDa

Gene Summary:

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]

Transcript Variant: This variant (4) contains an alternate exon in the 5' region and initiates translation at a downstream start codon, as compared to variant 1. The resulting isoform (d) is shorter at the N-terminus, as compared to isoform a. Variants 4, 7, and 8 all encode the same isoform (d).