

## Product datasheet for **SC329705**

### CFAP94 (NM\_001204101) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP94 (NM_001204101) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP94
Synonyms:	CASC1; LAS1; PPP1R54
Vector:	pCMV6-Entry (PS100001)

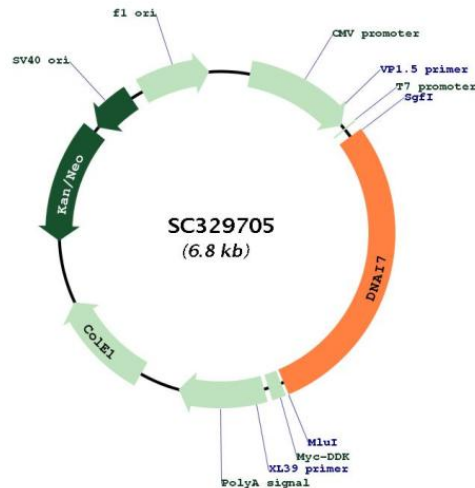


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Fully Sequenced ORF: >SC329705 representing NM\_001204101.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGATCTAGAAAGGAGAAATGAAGAAGCTTGAAGAAGCTTTATTTATTAGAGAGGTGTTTTCTGAAGCA
GAGAAATTGAAACAGGAACTAAATTGCTTCTCAGTGGAAAGCACTACATTCAATGTGATGGGAGTCCT
GATCCTTCAGTAGCCCAAGAAATGAACACGTTTATTAGTTTGTGGAAAGAGAAAACAAATGAGACTTTT
GAGGAAGTGATTGAGAAGAGTAAAGTAGTGCTAAATTTAATTGAGAAATTGAAATTTATTTACTGGAA
ACTCCACCATGTGATTTGCAAGATAAAAAATAAATACAGTACCAAGAATCAATACTACAAGTGCAGGAG
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AAGGATTTTGTCTCTGAGGAAGCAATGGAGAAAGTCAAGGATTCACACTGTCAGTTTGTCAACTCTGTG
TGCCACATGCTGCTCTCTACCAGATTGCTCAGCTACTCCTAA
```

Restriction Sites: SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001204101

**Insert Size:** 1974 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\\_001204101.1](#)

**RefSeq Size:** 2317 bp

**RefSeq ORF:** 1974 bp

**Locus ID:** 55259

**UniProt ID:** [Q6TDU7](#)

**Cytogenetics:** 12p12.1

**MW:** 75.9 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 (5) lacks three alternate exons in the 5' region, but maintains the reading frame, as compared to variant 1. The resulting isoform (e) is shorter, as compared to isoform a.