

## Product datasheet for **SC324595**

### CFAP300 (NM\_032930) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP300 (NM_032930) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP300
Synonyms:	C11orf70; CILD38; FBB5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_032930.1  
 ACGATGGCTACTGGGGAGCTCGGGGACTTGGGTGGCTACTACTTCAGTTCTTGCCCTCAG  
 AAAACCTTCCAGTCTCTGAGCTTAAGGAGATCACCAGCCGGCTCCGCCAGTGGTGAGGA  
 ACCGAGGCGCAGGGAGAGAAGAGGCCCTTGGTCTTCGCGGCTGTGGAGGCGCAGGCCGGG  
 CGTCGAGGGGCCCGCGGGTTCGGCGCCATTCTGAGTGAACCCTGAGGCTTCTGAGTGA  
 ACCCCGAACCACCCGGGAAGGGCGGATGCTGTGGTGGGATCGGTTATCGGTGCGCTCTG  
 AGAGGGTGCCAGCCCCAGATGATTTCTTTTCTCCTCTGCCCCAGGTCCATGCTGGGC  
 AGAATCAAGGCGCAGGCGTTTCGGCTTTGACCAGACCTTTCAGTCCATCGGAAGGATGAT  
 TTCGTTATGGCTTTTTCAAAGACCCAAATGTTATTCCAATTTGAAGTACTTTTCAGAT  
 TCTTCTGGACAATGGATCATATTAGGAACTGAAGTAAAAAATGAAGCTATAAATGTT  
 CCTTGCACACAGCTTTCAATGTCATTTTTTCATCGGTTATATGATGAAGATATTGTACGA  
 GACAGTGGACATATTGTTAAATGTTTAGATTCTTTTTGTGATCCATTTCTCATTTCTGAT  
 GAGTTACGAAGAGTTTTGCTAGTGGAAAGACTCAGAAAAATATGAAATATTCAGCCAAACCA  
 GATAGAGAAGAGTTCTGTTTTGTCTTTCAAACATCTTTGCCTTGGTGGAGCCCTTTGT  
 CAATATGAGGATGTGATTAGCCCATATCTGAAACAACAAAGCTTATCTATAAGGATCTG  
 GTGAGTGTTCGAAAGAATCCTCAAACCAAGAAAATACAGATTACCTCTTCTGTCTTTAA  
 GTTTCAGCTTATGATTCTGCTGGTATGTGCTATCCTTCAGCAAAGAATCATGAACAGACA  
 TTTTCTTACTTTATTGTGGATCCTATCAGGCGTCACCTTCATGTTTTATACCACTGTTAT  
 GGTGTGGGAGACATGTCTTAATGTTCTTTTCAGATTATGTACCTCTACTATTTTGTATTTA  
 TCATTTTTCTATCTTAATACTAACTTATAGATAAACATATACTTTGCAAATTAATTCAAG  
 AAAAAATGTAAGGAGCCTACTTAGAGCAGAAGAAAGCAAACACCAAGATGCCTTTTTAAAA  
 ATTTGTGTGGAATACTAACCGGGGATCAAATTTTCATCCATAATAAATCTATACCAAAAA  
 AAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_032930



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_032930.1</a></u> , <u><a href="#">NP_116319.1</a></u>
<b>RefSeq Size:</b>	1273 bp
<b>RefSeq ORF:</b>	690 bp
<b>Locus ID:</b>	85016
<b>UniProt ID:</b>	<u><a href="#">Q9BRQ4</a></u>
<b>Cytogenetics:</b>	11q22.1
<b>Gene Summary:</b>	<p>Cilium- and flagellum-specific protein that plays a role in axonemal structure organization and motility. May play a role in outer and inner dynein arm assembly.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform(1).</p>