

## Product datasheet for **SC325542**

### CFAP97D1 (NM\_001136483) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP97D1 (NM_001136483) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP97D1
Synonyms:	C17orf105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325542 representing NM_001136483. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGAACAATTCCTGGATTATCTGGCCTACCCTGTTATCGTCTCTAATCACAGGCAAAGCACAACTTC  
 AGAAAGAACTGGACTTTGGCCACTACGTATCTCACAAGAATAGAATACAAATAGCGAAGCCTACTGTT  
 GATACCAACCTCCAGTGGCGCACAAATCACATTTTAAATGAGCAAACTACAGGCTGAACAAAAG  
 AAAATCAACAAATCGAGTATGAAAACAAGCAACTGTGTCAGAAAATCGCAAATGCCATCGCGGCCCT  
 GCCAAGGTGGATTGCTGGAATGAATATTTTCCAAGAGCTTAAACAGAGAAACAAGGAACCGCGAGCTA  
 GTGAGAATCACCATGGAAAACAGGGCATTCTGAAGAGGCTTGTGATCGCAAACCCCACTATGACCGC  
 AGGGCATCTGAGATAGACTGGCAGAATCAAGGCGCTATATCAGAAATACCACGAGATATCTTCTCTCC  
 CAAAATGAATAG  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001136483
Insert Size:	495 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).


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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"><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>
RefSeq:	<u>NM_001136483.1</u>
RefSeq Size:	827 bp
RefSeq ORF:	495 bp
Locus ID:	284067
UniProt ID:	<u>B2RV13</u>
Cytogenetics:	17q21.31
MW:	19.5 kDa
Gene Summary:	Required for male fertility through its role in axonemal doublet stabilization which is essential for sperm motility and fertilization.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the predominant isoform (1).