

Product datasheet for SC112733

CFAP36 (NM_080667) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP36 (NM_080667) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP36
Synonyms:	BARTL1; CCDC104
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112733 sequence for NM_080667 edited (data generated by NextGen Sequencing)

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ATGGCTGCGGAAGAAGAAGACGAGGTGGAGTGGGTAGTGGAGAGCATCGCGGGTTCCTG
CGAGGCCAGACTGGTCCATCCCCATCTTGACTTTGTGGAACAGAAATGTGAAGTTTTT
GATGATGAAGAAGAAAGCAAATTGACCTATACAGAGATTCATCAGGAATACAAAGAACTA
GTTGAAAAGCTGTTAGAAGGTTACCTCAAAGAAATTGGAATTAATGAAGATCAATTTCAA
GAAGCATGCACTTCTCTCTTGCAAAGACCCATACATCACAGGCCATTTGCAACCTGTG
TTGGCAGCAGAAGATTTTACTATCTTTAAAGCAATGATGGTCCAGAAAAACATTGAAATG
CAGCTGCAAGCCATTGCAATAATTCAAGAGAGAAATGGTGTATTACCTGACTGCTTAACC
GATGGCTCTGATGTGGTCAGTGACCTTGAACACGAAGAGATGAAAATCCTGAGGGAAGTT
CTTAGAAAATCAAAGAGGAATATGACCAGGAAGAAGAAAGGAAGAGGAAAAACAGTTA
TCAGAGGCTAAAACAGAAGAGCCACAGTGCATTCCAGTGAAGCTGCAATAATGAATAAT
TCCAAGGGGATGGTGAACATTTTGACACCCACCCTCAGAAAGTTAAAATGCATTTTGCT
AATCAGTCAATAGAACCTTTGGGAAGAAAAGTGGAAAGGTCTGAACTTCCTCCCTCCCA
CAAAAAGACCTGAAGATTCTGGCTTAGAGCATGCGAGCATTGAAGGACCAATAGCAAAC
TTATCAGTACTTGAACAGAAGAACTTCGGCAACGAGAACACTATCTCAAGCAGAAGAGA
GATAAGTTGATGTCCATGAGAAAGGATATGAGGACTAACAGATACAAAAATATGGAGCAG
AAAGGAAAACCCACTGGGGAGGTAGAGGAAATGACAGAGAAACCAGAAATGACAGCAGAG
GAGAAGCAAACATTACTAAAGAGGAGATTGCTTGCAGAGAAACTCAAAGAAGAAGTTATT
AATAAGTAA
  
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Clone variation with respect to NM_080667.5



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_080667 unedited
 TTTGTAATACGACTCACTTATAGGGCGGCCGCGATTTCGGCACGAGGCAAAGGCCTAACCG
 GGGTCCGGCGGCTCGGCTAGGGATCTTCCCCGTTGCCCTTTGGGGCGGGATGGCTGCG
 GAAGAAGAAGACGAGGTGGAGTGGGTAGTGAGAGCATCGCGGGTTCTGCGAGGCCCA
 GACTGGTCCATCCCCATCTTGGACTTTGTGGAACAGAAATGTGAAGTTTTGATGATGAA
 GAAGAAAGCAAATTGACCTATACAGAGATTCATCAGGAATACAAAGAACTAGTTGAAAAG
 CTGTTAGAAGGTTACCTCAAAGAAATTGGAATTAATGAAGATCAATTTCAAGAAGCATGC
 ACTTCTCCTCTTGCAAAGACCCATACATCACAGGCCATTTTGCAACCTGTGTTGGCAGCA
 GAAGATTTTACTATCTTTAAAGCAATGATGGTCCAGAAAAACATTGAAATGCAGCTGCAA
 GCCATTGCAATAATTCAAGAGAGAAATGGTGTATTACCTGACTGCTTAACCGATGGCTCT
 GATGTGGTCAGTGACCTTGAACACGAAGAGATGAAAATCCTGAGGGAAGTTCTTAGAAAA
 TCAAAAGAGGAATATGACCAGGAAGAAGAAAGGAAGAGGAAAAACAGTTATCAGAGGCT
 AAAACAGAAGAGCCACAGTGCAATTCAGTGAAGCTGCAATAATGAATAATCCCAGGGG
 GATGGTGAACATTTGCACACCCACCTCAGAAGTTAAAATGCATTNTGCTAATCAGTCA
 ATAGAACCTTTGGGAAGAAAGTGGGAAGGTCTGAACTTNCCTCCTTCCACAAAAGGGCC
 TGAAGATCCTGGCTTANAGCTGCGAGCATTGNAGGNCCAATAGCAACCTATC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_080667 unedited
 AGCTATGCACCGCGGCCCACTAGGATCGAGTTTTTTTTTTTTTTTTTTTGTAAAGGA
 CTAAATAATTTATTTTAAAGACAATTTGAACTTCCATTTTGTAAATTGTTCTTAATTAT
 TACTTATTAATAACTTCTTCTTTGAGTTTCTCTGCAAGCAATCTCCTCTTAGTAATGTT
 TGCTTCTCCTCTGCTGTCAATTTCTGGTTTCTCTGTCAATTCCTCTACCTCCCAAGTGGG
 TTTCTTTCTGCTCCATATTTGTATCTGTTTAGTCTCATATCCTTTCTCATGGACATC
 AACTTATCTCTCTCTGCTTGAAGATGTTTCTGTTGCCGAAGTTCTTCTGTTCCAAGT
 ACTGATAAGTTTGTCTATTGGTCTTCAATGCTCGCATGCTTAAGCCAGGAATCTTCAGG
 CCTTTTGTGGGAGGGAGGAAGTTTCAACCTTTTCCACTTTTCTCCCAAAGTTCTATT
 GACTGATTAGCAAAATGCATTTTAACTTCTGAGGGTGGGTGTGCAAAATGTTCAACATCC
 CCTTGGGAATTATTCAATTATTCAGCTTCACTGGAATGCACTGTGGGCTCTTCTGTTTTA
 GCCTCTGATAACTGTTTTTCTCTTCTTCTTCTTCTGCCCATATTCCTCTTTTGAT
 TTTCTAAGAACTTCCCTCAGGACTTTTCTCTCTCCGNGTTCAAGGTCAGTGACCCATCA
 CAGCCATCGGTTAAGCAGCCAGGTAATACACCATTTCTCTCCTTGACTATTCGAAAGGCC
 TGCCACTGCATTTCCATGTTTTTCTGGACCATCATTTGCTTAAAGATAGTAAACCTTCT
 GCTGCACACAGCTGCAATGGCCTGTGCGTTTGAAGCCTTGACGAGAAAGCGCACGCT
 CTCGCAATGATCTCTCAATCCAATTTCTCGAGCAACCTTCN

Restriction Sites:

NotI-NotI

ACCN:

NM_080667

Insert Size:

1220 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:	<u>NM_080667.3, NP_542398.2</u>
RefSeq Size:	1373 bp
RefSeq ORF:	1104 bp
Locus ID:	112942
UniProt ID:	<u>Q96G28</u>
Cytogenetics:	2p16.1
Gene Summary:	May act as an effector for ARL3.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.