

Product datasheet for **RG218148**

CFAP20DC (NM_198463) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	CFAP20DC
Synonyms:	C3orf67
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >RG218148 representing NM_198463
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATCAAACGTAAATTTGGTGCAATCTATGCATTGACTTAGTAGCATTACCCAGTGAAATATTCAAGG
 GGGCAGTTTTCCAGTCATTGGATGGAATTGTTGTCTCAGCTAACTGTAAGCTACGGAAGATCTTCACCTT
 AAAATCAAAGCCACAAGACACTGCTGATAAGGATGCTGTCTATGGTGTTCCCTTTTCAACAGATGAGCCT
 ACAGATATTATACCACGAAGCTGTCAACTAATGACAGATGTTCCACATGTCACACAGCTGCTAAACATGA
 TAAACTTCGCCAACTGAAATAAAATTCGGAGGCCATCCTCTAAGATCAGCAGAATCAGATCAGTTCAT
 TAACAGAGGAACAAGTATTACACGGAACAGTAAAAATCAAGATGTTTGTATATCGCATTTGGATCCAAA
 GTTCTTGGGCCACCTCCACTCTCTGGCAGAAGGAATAACATGAAGATATCCAGCGAGACAGTGAGATCCG
 TTGGGTCCAAAAATAACCGATCATGCCAGCCGTCCACTGTAGAGAAGTGTGTTAATGGTACAGAAATGTC
 AGCCTTGCTGATACCTGAGTCTGAGGAACAAGGAAATAAGAAAAATTCACCAATAAAGCAGACTGTA
 CCTATTTCATGAGCCAATCTACATATTATGCATCCGCATCCCCCTCAAGAACCATCAGCAGATAAGAATA
 ATAACAGAAGAAGATTACGGTTAAAAAGTACCAGCAGAGAAAGGACAGAGACACCCAGCGGTAGCTCTTC
 AGGAAATAATAGGATTGAAGATAAAGCATCAACTATCCTCACCAGTGTGTCCCAACAAGGAGCAGAGCTG
 TTGAACTCCGGCACTCTAGGACCCAGTCTCCTGATCAATCAGATGAGTGGATTTTCTGAAAAATGCTG
 ATCACAATTTTATATCTGGCATCCAGCAGACAGTCTCTACTTCTGGGTGATGACTCCTGCAACCCATCACA
 CCTGTGGCTGGAAGCCAGCAAAGAGAGTGAACACGACAGCAGGAGGAATCCAGAGTGTTCAAAAG
 GACATTTTCACTTTTTCATCAAGACCACGATCAGCACCTCATGGAAGACTCAGACTATGTCCCAAGAGG
 AGCTCTCATTTATTTTGGATCTAAAAGAGGATAACAGTGTGACAAGCAGAGACACCAATCAGAGGATGA
 TTTTTCAGGCGGCGACAGCAGTGAAGAGGAATATGACTGGCGAAACTATCAGCCAAGCCAGATGAGTGAA
 TCCGAGTTACAGATGCTAGCAAGCCTACGGTGGCAACAAATGAAGAACTGGAGGATGCTGGGACCTCCC
 ATGGCCTGAGTGCCTCCAGGTGGACAACGTGAATGTCAGCATAAGTACCAGCAGTACGACACACAACCAC
 CTGGAACCTCCTGCCTGCCACCCCTGTCAACCAGGGTGCCTACTATCAGAAAGAAATGAACCCACCTTCT
 CCTTCTATCCCCGGGACTGGTTAAATATGTTGAGCCCAACATCGTTCTCCTCCAGTCAACAGCCGGCTG
 AGCAGCGTCCAGATTCTGTGAAAGTTTGAAGTGTCAAGGTGAAGAAGACCTCAGTGTGGAAGAGGACGA
 GGAAAGTACTGACTTTGTGTATGACCCTTGTCTGAAGTGTACTTTGACCCCAACAGGGAATACTAT
 GAGTTGGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG218148 representing NM_198463
 Red=Cloning site Green=Tags(s)

MIKRKIWCNLCIDLVAFTSEIFKGAVFQSLDGIIVVSANCKLRKIFTLKSKPQDTADKDAVYGVFPSTDEP
 TDIIPRSCQLMTDVPHTVQLLNMTKLRQTEIKFGGHLPLRSAESDQFINRGTSITRNSKNQDVCHIAFGSK
 VLGPPLSGRRNMMKISSETVRSVSGSKNNRSCQPSTVEKCVNGTEMSALLIPESEEQGNKENIHQIKQTV
 PIHAANLHIMHPHPQEPSADKNNRRRLRLKSTSRERTETPSGSSSGNNRIEDKASTILTTVSQQGAEL
 LNSGTLGPQSPDQSDIEWIFPENADHISYLASSRQSLLLGDDSCNPShLWLEASKESEHDQQAEESSQSVPK
 DIFTSSRPRSAPHGKTQTMSPPELSEILDLKEDNSVTSRDTQSEDDFYGGDSSEEEYDWRNYQPSQMSE
 SELQMLASLRWQQNEELEDAGTSHGLSASQVDNCNVSISTSSDDTTTWNCLPPPQVQGRHYQKEMNPPS
 PSNPRDLNMLSPPIVPPSQPAEQRPDSCELSVQGEEDLSVEEDEEVLTLTYDPCLNCFDPQTGKYY
 ELV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198463

ORF Size: 1689 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

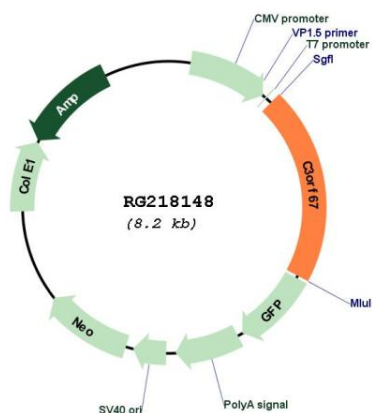
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198463.4](#)

RefSeq Size: 2553 bp

RefSeq ORF: 1692 bp
 Locus ID: 200844
 UniProt ID: [Q6ZVT6](#)
 Cytogenetics: 3p14.2

Product images:



Circular map for RG218148