

Product datasheet for **RR203422**

Cfp (NM_001106757) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfp (NM_001106757) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cfp
Synonyms:	Pfc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR203422 representing NM_001106757
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCGTTGGAATGCAAGCCCCTCAGTGGCTCCTGCTCCTATTGCTTATCCTGCCAACACAGGCTCAG
 ACCCTGTGCTCTGCTTCACCCAGTATGAGGAGCCCTCTGGCAGGTGCAAAGGCCTACTTGAAGAGACAT
 CAGGGTGAAGATTGCTGTCTCAACACTGCCTATGCCTCCAGGAACATGATGGGGCCCTCTGTCAGTCA
 TGCAGGTCCCCACAATGGTCAGCATGGTCTCATGGGGCCCTGCTCAGTTACATGCTCTGAGGGTCCC
 AGCTGCGACACAGGCGCTGTGTGGTAGGGTGGACAGTCTGCTGAGAAGGCGGCTCTGGAACCTTTGA
 GTGGCAGCTACAGGCTGTGAGGATCAGCTATGCTGTCCAGAGATGGGTGGCTGGTCTGAGTGGGACCC
 TGGGGCCTTGTCTGTACCTGCTCAAAGGAACCCAGACCCGCAACGACTATGTGATAATCCTGCTC
 CTAAGTGTGGAGCCATTGCCCGGAGAGGCCAGCAATCACAGGCTGTGACACTCAGAAGATCTGCC
 CACACATGGGGCCTGGGCATCCTGGGGCCCTGGAGCGCTGCTCAGGATCATGCCTTGGCGGAGCTCAA
 GAACCTAAGGAGACACGAAGCCGCTCATGTTCTGCACCAGCACCTTCACACCAACCCCTGGGAAGCCCT
 GCTCAGGAACAGCCTATGAGCATCGGGGCTGTAGTGGCCTACCACCTTGCCAGTGGCTGGTGGCTGGGG
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 GATCACCTGTACCCCGTCATGGGGCCCTTTTGTGCTGGTGTGCCACTCGGAAACACGTCTGTAACA
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 AATGAAGTCCATCAGCTGTGATGAAATCCAGGCCAGCAGTACGTTCAAGGAGCTGTGGTGGCCGAAA
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 TGAAGGTTTCATGGTCACAGTGGAGTACCTGGGGTCTGTGCACACCACCATGTGGACCCAAACCCCG
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 GGTGAGAAGAATGTTACCTTCTGGGGATCCCAGGCCACTGTGTGAGGTGTACAGGGGAGAAGCTGG
 TGGTGAAGAGAAGCGCCATGTCTACATGTGCCTTCTCGACAGATCCAGAAGAGAAGAAACCC

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Protein Sequence:

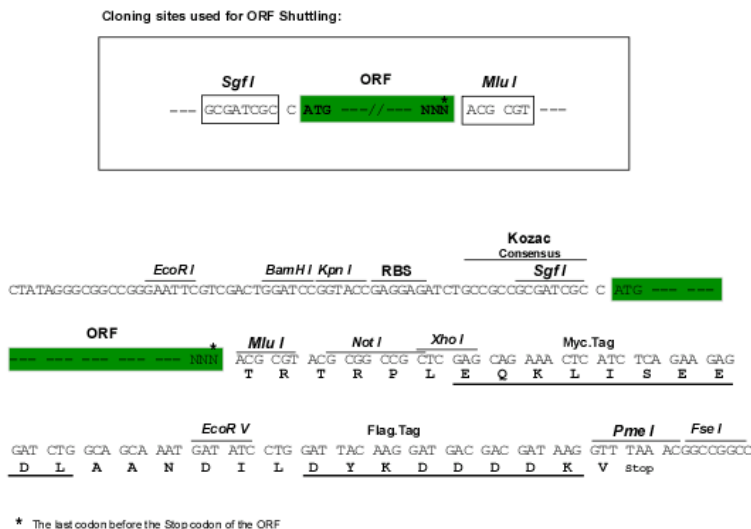
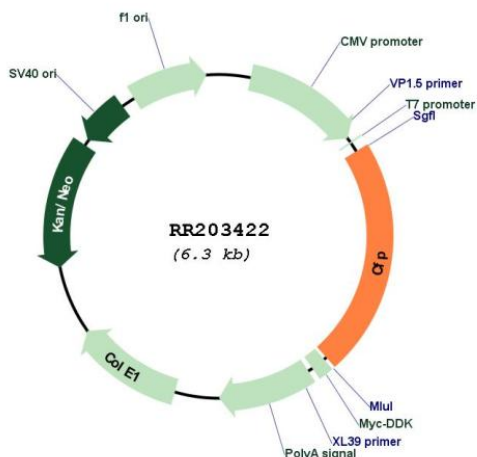
>RR203422 representing NM_001106757
 Red=Cloning site Green=Tags(s)

MPVGMQAPQWLLLLLILPTTGS DPVLCFTQYEEPSGRCKGLLGRDIRVEDCCLNTAYAFQEH DGGLCQS
 CRSPQWSAWSSWGPCSVTCSEGSQLRHRCVGRGGQCSEKAAPGTLEWQLQACEDQLCCPEMGGWSEWGP
 WGPCSVTCSKGTQTRQRLCDNPAPKCGGHCPGEAQQSQACDTQKICPTHGAWASWGPWSACSGLGGAQ
 EPKETRSRSCSAPAPSHQPPGKPCSGTAYEHRGCSGLPPCPVAGGWGPWPSSPCPVTCGLGQTLERRTC
 DHPVPRHGGPFCAGDATRKHVCNTAMPVNGEWEAWGKWSHCSRVRMKSISCDIIPGQQSRSRSCGGRK
 FDGQPCTGKLQDIRHCYDIHNCVLKGSWSQWSTWGLCTPPCGPNPTRVRQRLCTPLLPKYSPVSMVEGQ
 GEKNVTFWGI PRPLCEVLQGQKL VVEEKRPCLHVPSCRDP EEEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001106757

ORF Size: 1395 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.

RefSeq: [NM_001106757.2](#), [NP_001100227.1](#)

RefSeq Size: 1505 bp

RefSeq ORF: 1398 bp

Locus ID: 299314

Cytogenetics: Xq11

MW: 50.6 kDa