

Product datasheet for **MC216279**

Cfp (NM_008823) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfp (NM_008823) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cfp
Synonyms:	BCFG; Pfc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216279 representing NM_008823
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGTGAAATGCAAGCCCCTCAGTGGCTCCTGCTGCTACTGTTATCCTGCCAGCCACAGGCTCAG
 ACCCTGTGCTCTGCTTCACCCAGTATGAGGAGTCTCTGGCAGGTGCAAAGGCCTACTTGGGAGAGACAT
 CAGGGTAGAAGACTGCTGTCTCAACGCTGCCTATGCCTCCAGGAGCATGATGGTGGCCTCTGTCAGGCA
 TGCAGGCTCCACAATGGTCAGCATGGTCTTATGGGGCCCTGCTCAGTTACATGTTCTGAGGGTCCC
 AGCTGCGACACAGGCGCTGTGTGGCAGAGGTGGTCAGTCTGAGAATGTGGCTCCTGGAACCTTTGA
 GTGGCAGCTACAGGCTGTGAGGACCAGCCATGCTGTCCAGAGATGGGTGGCTGGTCTGAGTGGGACCC
 TGGGGCCTTGTCTGTACATGCTCAAAGGAACCCAGATCCGTCACGAGTATGTGATAATCCTGCTC
 CTAAGTGTGGGGCCACTGCCAGGAGAGGCCAGCAATCACAGGCTGTGACACCCAGAAGACCTGCC
 CACACATGGGGCCTGGGCATCCTGGGGCCCTGGAGCCCTGCTCAGGATCCTGCCTTGGTGGTGTCAA
 GAACCTAAGGAGACACGAAGCCGCTCATGTTCTGCACCAGCACCTTCACACCAGCCCCCTGGGAAACCT
 GCTCAGGACCAGCCTATGAGCATAAGGCCTGCAGTGGCCTACCACCTGCCAGTGGCTGGTGGCTGGG
 GCCATGGAGCCCTTTGAGCCCTGCTCTGTGACTTGTGGCCTGGGCCAGACCCTAGAGCAACGGACATGT
 GATCACCTGCACCCGTCATGGGGCCCTTTTGTGCTGGTGTGCCACTCGGAACCAATGTGTAACA
 AAGCCGTACCTTGCCCTGTAACGGGGAGTGGGAGGCCTGGGAAAAATGGAGTACTGCAGCCGGCTGAG
 AATGTCCATCACTGTGAAGGAACCCAGGCCAGCAGTCACGTTCAAGGAGCTGTGGCGCCGCAATTT
 AATGGGAAGCCATGTGCTGGAAAACCTCAGGATATTCGACACTGCTATAACATCCATAACTGTATCATGA
 AAGTTCATGGTCACAGTGGAGTACCTGGAGTCTGTGCACACCACCATGTAGTCCCAACCCACCCGCTGT
 CCGCCAGCGCCTCTGCACACCTTGTCTCCCAAGTACCCGCTACAGTTCAATGGTTGAAGGTCAGGGT
 GAGAAGAATGTTACCTTCTGGGGACTCCACGGCCACTGTGTGAAGCGCTACAGGGCAGAAGCTGGTGG
 TGGAAAGAAACGGTCATGTCTACATGTGCTGCTGCAAAGACCAGAAGAGAAGAAACCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008823

Insert Size: 1395 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: [NM_008823.4](#), [NP_032849.2](#)

RefSeq Size: 1636 bp

RefSeq ORF: 1395 bp

Locus ID: 18636

UniProt ID: [P11680](#)

Cytogenetics: X 16.44 cM

Gene Summary: A positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3- and C5-convertase enzyme complexes.[UniProtKB/Swiss-Prot Function]