

Product datasheet for **RN209436**

Cfb (NM_212466) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfb (NM_212466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cfb
Synonyms:	Bf; Da1-24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209436 representing NM_212466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAATGGAGGGTCCCAGCTCTGCTTAGTCTCTTGGTCTTAGGCCTCTCTCCGGAGGTGTGAGCG
 CAACTCCAGTGCTTGAGGCCCGGCCAGGTCTCTTGCTCTCTGGAGGGAGTAGAGATCAAAGCGCGCTC
 CTTCCAACCTTCCAAGACGGTCAAGCCCTGGAGTACCTGTGCCCTCTGGCTTCTACCCATACCCCTGTG
 CAGACTCGAACCTGCAAATCCACAGGCTCCTGGAGTGTCTCCAGACCCGGGACCAAAAGATTGTCAAGA
 AGGCAGAAATGCAGAGCAATACGCTGCCACGACCACAGGACTTTGAAAATGGGGAGTTCTGGCCCCGGTC
 CCCCTACTACAACCTGAGTGATCAGATTTCTTTCAATGCTATGATGGCTACACTCTCCGGGGCTCTGCT
 AATCGCACCTGCCAAGAGAATGGCCGGTGGGATGGGCAACAGCAATCTGTGATGATGGAGCGGGATACT
 GTCCCAACCCGGGATTCTCTATTGGGACAAGGAAGGTGGGAAGCCAGTACCGTCTTGAAGACACTGTCAC
 TTACCCTGTAGTCGGGGACTTGTCTACGTGGCTCCAGCAGCGAAGGTGCCAGGAAGGTGGCTCGTGG
 AGTGGGACAGAGCCTTCCTGCCAAGATTCTTCATGTACGACAGCCCTCAAGAGGTGGCCGAAGCATTTTC
 TATCCTCCCTGACAGAGACCATCGAAGGAGCAGATGCGGAGGATGGGCACAGCCAGGGGAACAGCAGAA
 GAGGAAGATTATCCTGGACCCCTCGGGCTCCATGAATATCTACATGGTGTGGATGGATCCGACAGCATC
 GGGGCCAGCAACTTACAGGGGCCAAGCGGTGTCTCGCCAACCTTGATTGAGAAGGTGGCGAGTTATGGGG
 TGAAGCCAAGATACGGTCTAGTGACATATGCCACAGTCCCAAGTCTTGGTCAGAGTGTCTGAGGAGAG
 GAGTAGTGATGCCGACTGGGTACAGAGAAGCTCAACCAATCAGTTATGAAGACCACAAGCTGAAGTCA
 GGGACCAACCAAGAAGGCTCTCCAGGCTGTATACAGCATGATGAGCTGGCCAGGGGATGCTCCGCCTG
 AAGGCTGGAATCGAACCAGCCACGTATCATCATGACTGATGGCTTGACAACATGGGTGGAGACCC
 TGTCACTGTCTTGGAGACATCCGAGACTTGTGGATATTGGCAGGGATCGCAAAAATCCCGGGGAGGAT
 TATTTGGATGTGTATGTGTTGGGGTCGGGCTCTGGTGGACCCTGTGAACATCAATGCCTTGGCTTCCA
 AAAAGAACAATGAGCAGCATGTGTTCAAGGTCAAGGACATGGAGGATCTGGAGAAGCTTCTTACAAAAT
 GATCGATGAAACCAATCTCTGGGTCTCTGTGGCATGGTGTGGGAGCATCAGAAAGGCGGTGATTATTAC
 AAGCAACCATGGCAAGCCAAGATCTCAGTCACTCGTCTCTGAAAGGACATGAGAAGTGTATGGGGCCG
 TGGTGTCCGAGTACTTCGTGCTGACAGCAGCGCATTGCTTACAGTGAAGATCAGAAACACTCCATCAA
 GGTCACCGTGGAGGGGAAAAGGCGGGACCTGGAGATTGAAGAGGTCTGTCCACCCTAATTACGACATC
 AATGGGAAAAAGGCAGAAGGAATCTCTGAGTTCTATGACTATGATGTTGCCCTCATCAAGCTCAAGACCA
 AGCTGAAGTACAGCCAGACTCTCAGGCCATCTGTCTCCCTGCACAGAGGGAACCCAGCCTTGCG
 GCTTCTCAGACAGCCACCTGCAAACAGCACAAGGAAGAGTTGCTCCCTATGAAGGACGTCAAAGCTCTG
 TTTGTATCCGAGGAAGGGAAAGCTGACCCGGAAGGAGGTGTACATCAAGAATGGGGAAAAAGAAAGCCA
 GTTGTGAGAGAGATGCTACAAAGGCCAAAGGCTATGAGAAGGTCAAAGTTGCCTCTGAGGTGGTCACCCC
 CAGGTTCTGTGCACCGGAGGGGTAGATCCCTATGCTGACCCCAACATGCAAAGGAGACTCCGGGGGC
 CCTCTCATTGTTACAAGAGAAGCCGCTTCAATCAAGTTGGTGTGATCAGCTGGGAGTAGTGGATGTCT
 GCAAAGACCCGAGGCGGCAACAGTTGGTGCCCTCTATGCCGGGACTTCCACATCAATCTTCCAGGT
 GCTGCCCTGGCTAAAGGAGAAGCTCAAAGACGAGGACTTGGGTTTCTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3723_b12.zip

Restriction Sites: SgfI-MluI

ACCN: NM_212466

Insert Size: 2292 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:	<ol style="list-style-type: none">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_212466.3 , NP_997631.2
RefSeq Size:	2573 bp
RefSeq ORF:	2292 bp
Locus ID:	294257
Cytogenetics:	20p12
Gene Summary:	predicted gene; component of the alternative pathway of complement activation; may be linked to the major histocompatibility complex and thus involved in the immune response [RGD, Feb 2006]