

Product datasheet for **RN205006**

C4b (NM_001002805) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C4b (NM_001002805) Rat Untagged Clone
Tag: Tag Free
Symbol: C4b
Synonyms: C4-2; C4I
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205006 representing NM_001002805
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGCTCTCTGGGGCTGGCCTGGCATTAGCTTCTTCGCCTCCTCTCTGCAGAAGCCAGGTTGC
 TCCTGTTCTCCCCTTCTGTGTTAATTTGGGACCCCCCTGTAGGGGTGCAGCTCCTGGATGCCCC
 TGCAGGACAGGAGGTGAAAGGCTCAGTGTACCTCAGAAACCAACAAGCGGTCCCTGCTCCCAAAGAAG
 GACTTTAAGCTCAGCTCGGAAATGACTTTGTGCTTCTCAGACTTGAGGTCCACTGGAAGATGTGAGGA
 ATTGTGGCCTCTTTGACCTACGCAGAGCCCCACATCCAGCTGGTGGCTTACTCTCCGTGGCTAAAGAA
 CACAGCACCAAAGCCACCGAGACTCAGGGGTCAACCTGCTTTTCTCTTCCCGACGAGGCCACATCTTT
 GTGCAGACCGATCAGCCTATCTATAACCCTGGGCAGCGGGTACGTTATCGGGTCTTTGCACTGGATCAA
 AGATGCGTCCATCTACGGACACCCTCACGGTACAGTAGAGAATCCCATGGCCTCCGTGTACGCAAGAA
 GGTGGTATTTGCCCCACATCCATCTTCACAGATGACTTCGTAATTCCAGACATCTCAGAGCCGGGGACC
 TGAAGATCTCAGCTAGGTTCTCAGATGGCCTCGAGTCCAACAGAAGCACCCACTTTGAAGTGAAGAAAT
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 TGAAGAAATCCAGTTAGACATCCAGGCCAGATAGTCTACGGGAAGCCCGTGCAGGGCTGGCATATACC
 CGCTTCGCACTCATGGATGAGCAGGGGAAGAAGACTTTCTTCGGGGCTAGAGACCCAGACCAAGTTGG
 TGAAGGCCAGACTCACATCTCCATCTCAAGGGACCAGTTCAGGCTGCCCTGGGTAAAGTGAATACTGA
 GATCGGAGACCTGGAGGGGCTGCGGCTCTACGCTGCTGTAGTGTATTGAGTCTCCAGGAGGAGAGATG
 GAGGAAGCAGAGCTCACATCTGGCCCTTCGTGTCATCTGCCTTCTCCTTGGATCTCAGCCACCAAGC
 AGCATCTGTGCCGGGGCCCCCTTCTGCTGCAGGCCCTGGTTCGAGAAATGTCAGGCTCTGAAGCCTC
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 AACACCAACGGGATTGGCCAAGTCACTTTTCTATCCATGTCGCCCAACCATCACAGAACTTCGACTCT
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 TGGCTTTCTGTCCATTGAGCCACTAGACCTTCGGTCCCCTCGTGTGGGGACACCTTCATCTGAACCTT
 CGAACCGTGGGCATCCCTGTGCCTACCTTCTCTACTACTACATGATCATCTCCAGAGGCCAGATCA



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TGGCCATGAGTCGGGAGCCAGGACGACCCTGACCTCCATCTCTGTCTTGGTGGACCATCACCTGGCTCC
 CTCTTTCTACTTTGTGGCCTACTTCTATCACCAAGGACTCCCAGTGGCCAACCTCCCTGCTCATCAATGTC
 CAGCCTGGGGACTGTGAGGGCAAGCTGGAATTGAAGGTGGACGGTGCCAAGGAGTATCGAAATGGGGAGA
 GCATGAAGCTCCAACCTCAAAGTACTCCGAAGCCCTGGTGGCACTGGGAGCTGTGGACACAGCTCTGTA
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 CTTGGCTGTGGTCTGGAGGTGGGACGATGCCCTTCAAGTGTCCAGACTGCTGGTTTGGCCTTTCTG
 ACGGTGATCGACTAAGTACAGCCAAAGAGGACTTGAGCTGTCCCAAGGAGAAGATAAGTCGGCAAAAGAG
 AAATGTTAACTTCCAGAAGGCTATTAGCGAGAAGTTGGGCCAGTATTCTCTCCAGACACCAAGCGCTGC
 TGCCAGGATGGGATGACCAAGCTGCCATGGCACGCACCTGCGAGCAGCGGGCAGCCGAGTGCCTCAGC
 CGGCTGCCGGGAGCCCTTCTTGTCTGTGCAAGTTTGTGAGGACCTCCGCAGGAACAGACCAGGAG
 CCAGGCGGGCCTCGCCGAGCCAGAAGCTGATGCAGGAGGAGGATCTGATAGATGAAGTACATTCTT
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 CAGCTCAGACCCCAACGTCATTCTGATGGAGATTTACAGCAGCTTCGTAGGGTTACAGCCTCCGAACCC
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 GCGTGGAGCAAACCTGCCCTGAGACAAAGACCATGCTGTGGATCTGATCCAGAAAGGCCACATCGCG
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 CGGCTTTGTGCTGAAGATTCTGAGTCTGGCCAGGAACAGATTGGTACTCCCCGAGAAGCTGCAAGA
 GACCGCCGGTGGCTGCTGGCCAGCAGCTGGACGATGGCTATTCCACGACCCGTGTCCGGTATTCAA
 AGAGGCATGCAGGGGGCTTGGTGGGACCAGCAGACAGTGGCACTGACCGCTTTGTGGTATCGCCC
 TTCACCACGGGCTGGCCGCTTCCAAGACGAGAAGTCCGACGAGCTGAAGAAGAGGGTGAAGCCTCCAT
 CATGAAGGCAAACCTGTTCTTGGGCGAGAAGGCAAGTGTGGGCTCCTGGGTGCACACGCATCCGCCATC
 ACAGCCTATGCCCTGACTGACCAAGGCTCGGAGGACCTGCGGAATGTTGCCACAACAGCCTGATGG
 CCATGGCTGAGGAAACAGGGGAAAACCTCTACTGGGCTTAGCCATTGGCTCTCAGGACAACGTTGTGTC
 ATCCACCCGAGCCCTCGTAATCCCTCAGAACCTGTGCCCAAGGCCAGCCCTGTGGATCGAAACCACA
 GCCTACGGCTGTACATCTGCTGCTGCGGGAGGGGAAGGGAGAAATGGTGCACAAGCGGCAACCTGGC
 TCACACACCAGGGAAGCTTCAAGGGGGATTCCGCACTACCCAGGACACTGTGGTGCACCCTGGATGCCCT
 GTCTGCATACTGGATCGCTTACACACCACCGAGGAGAAGGCACTCAATGTGACTCTCAGCTCCATGGGC
 CGCAATGGGTACAAGTCCACCTGCTACAGTGAACAACCACCAAGTCAAGGGCTGGAGGAGGAGCTGA
 AGTTCTCCCTGGGCGACCATCAATGTGAAAGTGGGAGGAAATAGCAAAGGCACCTTAAAGATCCTTCG
 TACCTACAATGTCTGGACATGAAGAACAACATGCCAAGACCTTCGGATAGAAGTACAATCACAGGC
 TATGTGGAATATAACAAGGGAGGCCAACGAAGACTATGAATACGACTATGATATGCCAGCCGAGATGACC
 CCAGTGTCCACTCGCAGCCTGTGACACCCTGACAGCTGTTTGGGGTGTGCGGAGCCGCCGAGGAGGA
 GGCCCCAAGGCTGCGGATGAGCAGGAGTCCAGAGTGCAGTACACCGTGTGCATCTGGCGGAACGGTAA
 CTGGGGCTGTCTGGGATGGCATTGCTGACATACCCTCCTGAGTGGATTCCAAGCCTGAGGGCTGACC
 TGGAGAAGCTGACCTCCCTCTCTGACCGTTACGTGAGTCACTTTGAGACCGACGGGCCACGCTCTACT
 GTACTTTGACTCGGTCCCGACCCCGGAGTGTGTGGGCTTTGGAGCTTTGAGGAGGTGGCCGTGGGG
 CTGGTGCAGCCAGCAGTGTCTGTATGACTACTACAGCCCTGATCACAAGTGTCTGTGTTCTATG
 CTGGACCCACCAAGAGCAAGCTCCTCTCCACCTTGTGCTCTGCAGACGTCTGCCAGTGCCTGAAGGGAA
 GTGTCCTCGACAGCGAAGTCACTGGAGCGAGGGTGGAGGACAAGGATGTTACCGGATGAAGTTCGCC
 TGCTATTATCCCGAGTGGAGTATGGCTTCCAGGTTAAGGTTCTCCGAGAAGACAGCAGATCTGCCTTCC
 GCCTCTTTGAGACCAAGATCACCAAGTCTGCATTTCAAAGGATGCCAAGGCCTCCATAGGTACAGC
 CCGCAACTTTCTGGTCCGGGCTTCTTGGCCCTTCGTTTGGAGCCTAGCAAAGAGTACTTAAATCATGGGG
 ATGGACGGAGTACCAAGTCAAGGGAGACCCCAAGTACTTGTGGACTCAAACAGTTGGATCGAGG
 AGATGCCATCTGAGCGCCTGTGCAGGAGACCCGTGAGCGGCAGCCTGTGGCCAGCTCAATGACTTCT

GCAGGAGTACAGAAGCCAGGGTGCCAGGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001002805
Insert Size:	5214 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:	<u>NM_001002805.2, NP_001002805.1</u>
RefSeq Size:	5354 bp
RefSeq ORF:	5214 bp
Locus ID:	406161
Cytogenetics:	20p12