

## Product datasheet for **RR201483**

### Fcnb (NM\_053634) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fcnb (NM\_053634) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Fcnb  
 Synonyms: Fcn2  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RR201483 representing NM\_053634  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCCTGGGATCTGCTGCACTATTCGTCTTGAGCCTGTGTGCTACTGAGCTGACCCTCCATGCTGCTG  
 ACACCTGCCAGAGGTGAAGTCTGGATCTGGAGGGCTCCAACAACTCACCATCCTTCAAGGCTGCC  
 TGGCTTGCCTGGAGCCCTGGGGCCAAGGGAGAGGCTGGTGCCAAAGGAGATAGAGGAGAGAGTGGCCTT  
 CCTGGACACCCTGAAAGCGGGCCAAGTGGACCAAAGGAGACCGAGGAGAGAAGGGAGTGCCTGGAG  
 AAAAAGGAGACACCGGGCCCTCCAGTCATGTGCTACAGGACCTCGGACCTGCAAGGAGTTGCTCACCCG  
 GGGTACTTTCTACTGGCTGGTATACCATCTACCTGCCAGACTGCAGGCCCTGACCGTGTGTGAT  
 ATGGACACAGATGGTGGAGGCTGGACCGTCTTTCAGAGAAGGATCGACGGCACGGTGGACTTCTTCGGG  
 ACTGGACCTCATAACAAGCAAGGCTTCGGCAGCCAGCTGGGGGAGTTCTGGCTGGGGAACGATAACATCCA  
 TGCTTTAACACCAGGGAACCAATGAGCTGCGGGTGGATCTTGACAGACTTCGACGGCAACCATGACTTT  
 GCCAAGTACAGCTCCTCCAGATCCAGGGAGAGGCCGAGAAATACAAGCTCATTCTGGGGAACCTCCTCG  
 GTGGTGGTGTGGTACTCCCTGACTTCCAAAACAACATGCTTTTCTCCACAAAGACCAAGACAACGA  
 CCAGGGATCCTCCAAGTGTCCGTGCGTTACCATGGAGCCTGGTGGTACTCTGATTGTACACTTCCAAC  
 CTGAATGGCCTTACCTTAGGGGTCTCCATAAGAGCTATGCAAACGGTGTCAATTGGAAGTCATGGAAG  
 GGTACAACACTACAGCTACAAGTTTCTGAAATGAAGGTGCCCTCATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR201483 representing NM\_053634  
Red=Cloning site Green=Tags(s)

MVLGSAALFVLSLCVTELT LHAADTCPEVKVLDLEGSNKLTI LQGCPGLPGALGPKGEAGAKGDRGESGL  
 PGHPGKAGPTGPKGDRGEKGV RGEKGDTPSQSCATGPRTCKELLTRGYFLTGWYTIYLPDCRPLTVLCD  
 MDTDGGGWTVFQRRIDGTVDFFRDWTSYKQGFQS LGEFWLGNDNIHALTTQGTNELRVDLADFDGNHDF  
 AKYSSFQIQGEAEKYKLI LGNFLGGAGDSLTSQNNMLFSTK DQDNDQSSNCAVRYHGAWWYSDCHTSN  
 LNGLYLRLGLHKS YANGVNWKSWKGYNYSYKVSEMKVRLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_053634

**ORF Size:** 957 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\\_053634.1](#), [NP\\_446086.1](#)

**RefSeq Size:** 1127 bp

**RefSeq ORF:** 960 bp

**Locus ID:** 114091

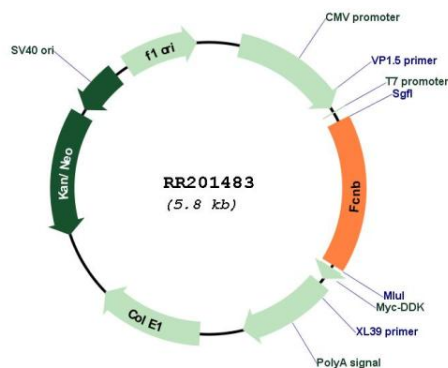
**UniProt ID:** [P57756](#)

**Cytogenetics:** 3p12

**MW:** 34.7 kDa

**Gene Summary:** mouse homolog is similar to mouse plasma ficolin Fcna [RGD, Feb 2006]

### Product images:



Circular map for RR201483