

Product datasheet for **RN203546**

Rnf112 (NM_138613) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf112 (NM_138613) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf112
Synonyms:	Bfb; BFP; Zfp179; Znf179
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203546 representing NM_138613
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGAGGCCAGTCCTGTCAGTCACTGCTTTTTGTCATCGGCTTGGCAAACGGGAGAGCAAACGAAGCT
 TCATGGGAAACAGCAGCAACAGTTGGTCCCATGCATCATTCCCAAGCTGGAGCTGGGCCTGGGACAGCG
 TCCTCCCAACCCGGGAGTCGCTACCTGCTCCATCTGTCTGAAAGGCTTCGAGAGCCTATCTCACTG
 GACTGTGGCCACGACTTCTGCATCCGATGCTTCAGCACACATCGCATCCCAGGCTGTGAGCTGCCATGCT
 GTCCTGAATGCCGAAAACTGTAAAGCAAAGAAGGGCCTTCGAGTCTAGGGGAGAGGATGAAGCTCCT
 ACCTCAGCGGCCGCTGCCCTGCCTGCAGGAGACCTGTGCTGTGAGAGCGGAGCGTCTGCTGTTGGTA
 CGCATCAATGCCTCTGGAGGCCTCATCCTCAGGATGGGAGCCATAAACCGCTGCCTGAAGCACCTCTGG
 CCAGGGACACACCTGTCTGCTTGTCTGCTCCTGGGAGAGCAGCACTCAGGAAAGTCTTCTCTTGGAA
 CCATTGCTCAGAGGCTTACCAGGCCTGGAATCCGGAGACAGCACTAGGCCAGAGCAGAGGGGTCTCTG
 CCTGGAATCAGATGGGGTCTAATGGTCTCACGAGGGGCATCTGGATGTGGAGTCAACCCCTCTCTGCTGG
 GAAAAGAAGGGAAGAAGGTGGCTGTGTTCTTAGTGGACACAGGAGATGTCATGAGCCCAGAAGTCTGAGCAG
 GGAGACAAGGTCAGCTCTGTGCCCTCACCATGATGCTCAGTTCGTACCAGATCCTCAACACCTCCCAA
 GAGCTGAAGGACACAGATCTGGGCTATCTAGAGATGTTCTGTTTATGTGGCTGAGGTGATGGGCAAACATT
 ATGGGATGGTACCATCCAGCATCTGGATCTCTTAGTCCGTGACTCTTCCCATCACAAATAAGTCAGGGCA
 GGGGCACGTGGTGATATACTCCAGAAGCTGTCCGGCAAATACCCCAAGTCCAAGAGCTGCTCCTAGGG
 AAACGGGCCCGCTGTTACCTCCTCTCTGCTCCTGAGAGACAGTGGGTGAACAAAGGCCAAGCAAGCCAG
 GAGGCAACACAGAAGATGACTTCTCCACCATTCCGGGCTACATCTCGGATGTGCTGAGCACAGCCCC
 TCAGCATGCTAAGAGCCGCTGCCAAGGGTACTGGAGTGAAGGTCGCGCCATGGCCAGGGGGACAGACGC
 CTACTCACAGGGCAGCAGCTGGCACAGGAGATCAAGAACCTCTCCGGCTGGATGGGGAAGAGTGGGCCCA
 GTTTCAGCTCTCCAGATGAGATGGCTGCTCAACTTCATGACCTGAGGAAAGTGAAGCCGCCAAGAAGGA
 GTTTGAAGAGTATGTGAGACAGCAGGACATAGCCACCAAGCGCATCTTCTCTGCACTACGAGTACTGCC
 GACACTATGAGGAACCTCCTCTACCCAGAAGGATGCTATCTGGCCCGCCATGGTGTGGCCCTGTTGT
 GCAAGGAGAGAGCAGACCTTGGAGGCCCTGGAAGCCGAGCTGCAGGCAGAAGCCAAGGCCCTTCATGGA
 CTCCTACAAATGCGCTTCTGTGGCCACCTGGCCGCGGTAGGGGGCGCTGTAGGTGCTGGACTCATGGC
 CTGGCAGGGGTGTGGTGGCCGCGGTATGGCGCAGCAGCGTTGGCTGCAGAAGCTGGGATGGTGGCAG
 CCGGGGACAGCGTGGGTGCCACTGGGGTGTGTAGTTGGGGTGGTGTGGGTGCTGGGCTGGCCCGCAG
 GGTGGGCTGCATGGAGAAAGAGGAAGATGAGAGAGTCAAGGAGGAGACCAGAGCCCCTACTCCAGGAA
 GAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_138613
- Insert Size:** 1896 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_138613.1](#), [NP_619516.1](#)

RefSeq Size: 2969 bp

RefSeq ORF: 1896 bp

Locus ID: 24916

UniProt ID: [O70418](#)

Cytogenetics: 10q22

Gene Summary: expressed in premeiotic pachytene spermatocytes [RGD, Feb 2006]