

Product datasheet for **RN206227**

Rflnb (NM_001007611) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rflnb (NM_001007611) Rat Untagged Clone
Tag: Tag Free
Symbol: Rflnb
Synonyms: Fam101b; RGD1359691
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN206227 representing NM_001007611
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGGCCGACTGAGCCTGCAGGATGTCCCGAGCTCGTGGACACGAAGAAAAAGGAGACGGCGTCC
 TGGACAGCCCGGACTCGGGGCTGCCCAAGCCCTAGCCCGACCCACTGGGGGCTCGCAGCGCCGACGGG
 CGGCGGTGGGAGCGCGCTCCGGTCGCAGGGACGCTGGAGCCGATGCGACGGTCACCTCCGTAGTCCCG
 AACCCAGCATCTCTGAGCCACTCACTGGCTGGCATCTGCTCACCAGACTCTGTCCCTGTCTTCGGCC
 AAGGAGTCGAGTTTGACCCCTTACCACCAAGGAAATAAAGTATACCTCCTCAGTCAAGTACGACTCTGA
 GCGGCATTTTCATCGATGATGTGCAGATGCCCTGGGCCTGGTGGTGGCTTCTGCAGCCAGACAGTACC
 TGTATCCCAATTGCACTTGGCGAAACTATAAGGCTGAAGTGCCTTCGAGCCTCGCCACAAGCCTGCGC
 GCTTCTCAGCACCACCATCATCTACCCCAAGTACCCGAAGACCGTCTACACCACCACTCTGGATTACAA
 CTGCCACAAGAACTGAGGAGGTTTCTATCCAGTGTGGAGCTGGAGGCCACGGAGTTCCTAGGTAGCGAT
 GGGCTGTTGGATGAATGCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001007611
Insert Size: 651 bp



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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_001007611.1</u> , <u>NP_001007612.1</u>
RefSeq Size:	1384 bp
RefSeq ORF:	651 bp
Locus ID:	287534
UniProt ID:	<u>Q6AXS9</u>
Cytogenetics:	10q24
Gene Summary:	Involved in the regulation of the perinuclear actin network and nuclear shape through interaction with filamins. Plays an essential role in the formation of cartilaginous skeletal elements.[UniProtKB/Swiss-Prot Function]