

Product datasheet for **MC211748**

Rflnb (NM_029658) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rflnb (NM_029658) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rflnb
Synonyms: 1500005K14Rik; cfm; Fam101b; RefilinB
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC211748 representing NM_029658
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGCCGGCTGAGCCTGCAGGATGTCCTGAACTCGTGGACACGAAGAAAAAGGCGACGGCGTCC
TGGACAGCCCGGACTCGGGGCTGCCCCAAGCCCTAGCCCGAGCCACTGGGGCTCGCAGCGACGGCGGG
CGGCGGTGGGAGCGCGCTCCGGTCGCAGGGACGCTGGAGCCGATGCGGCGGTGACCCCTATAGTCCCG
AACCCAGCATCTCTGACCACTCGTAGCTGCCATCTGCTCACCGAGACTCTGTCCCTGTCTTCGGCG
AAGGAGTTGAGTTTGACCCCTTGCCACCAAGGAAATAAAGTATACCTCCTCAGTCAAGTATGACTCTGA
GCGGCACTTCATCGATGATGTACAGATGCCCTGGGTCTGGTGGTGGCTTCTGCAGCCAGACAGTCAAC
TGTATCCCCAACTGCACTTGCGGAACTATAAGGCGGAAGTGCCTTCGAGCCACGCCCAAGCCCGCGC
GTTTCCTCAGCACCACCATCGTCTACCCCAAGTACCCCAAAACCGTCTACACCACCACTCTGATTACAA
CTGCCACAAGAAGCTGAGGAGGTTTCTGTCCAGTGTGGAGCTCGAGGCCACGGAGTTCCTGGGCAGCGAT
GGGCTAGCCGATGAATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029658
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_029658.1</u> , <u>NP_083934.1</u>
RefSeq Size:	3533 bp
RefSeq ORF:	651 bp
Locus ID:	76566
UniProt ID:	<u>Q5SVD0</u>
Cytogenetics:	11 B5
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]