

Product datasheet for **RN212089**

Nelfb (NM_001107817) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nelfb (NM_001107817) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nelfb
Synonyms:	Cobra1; RGD1307832
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212089 representing NM_001107817
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

CTGCCACACTGGAGCGCGGGCGAACGGGGCTTGGGTGGTCTCGTGGCACCGTGAAAGGACGCTCTG
 GGGCTCCGT CAGCGTCCGCTACGGCTCCAGCAGAGCGCGGGGATGGGGTACACAGCCGAGCGCCGT
 CGGAGCCTCGGCCATGTTTGCGGGGCTCCAGGACCTGGGCGTGGCCAATGGCGAGGACCTGAAAGAGACC
 CTAACCAACTGCACCGAGCCTCTCAAGGCCATTGAGCAATTTAGACAGAGAATGGCGTGTGTGCCTT
 CCCTGCAGTCGGCCCTGCCCTTCTTGGATCTACACGGGACACCGCGGCTGGAGTTCATCAGTCAGTGT
 TGATGAGCTACCGGACAACTGCTGGAACGAGTGTGAGCTATTGCCTCTGAGGAAAGGCAGAGGAGAGG
 TACAAGAAGCTGGAAGACCTTCTGAAAAGAGCTTTTCTCTGGTCAAGATGCCATCCCTACAGCCAGTGG
 TGATGTGTGTTATGAAACACTTGCCCAAGTTCTCTGAGAAGAAGCTGAAGCTGGTATGGCTGACAAGGA
 GTTGTACCGGGCATGTGCTGTGGAAGTGAAGAGGCAGATCTGGCAAGATAACCAGGCTCTCTTTGGTGT
 GAAGTCTCACCCTGTTGAAGCAGTATATCCTAGAGAAGGAGAGTGCAGTGTTCAGCACGGAGCTCTCTG
 TCCTGCACAACCTCTTCAGCCCTTCCCCAAGACCAGGCGTCAGGGAGAGGTGGTGCAGAAGCTGCACA
 GATGGTAGGGAAGAACGTGAAGCTGTATGACATGGTGTGTCAGTTCCTTGCACACTGTTCTTCGGACC
 AGGAATGTGCACTACTGCACGCTACGAGCCGAGCTGCTGATGTCTTTGCATGACCTGGATGTGAGTATA
 TCTGCACCGTGGATCCCTGCCATAAGTTACCTGGTGCCTGGATGCCTGCATCCGTGAGCGGTTTGTGGA
 CAGCAAACGAGCCGAGAGCTGCAGGGATTCTTGATGGTGTGAAGAAGGGCCAGGAACAAGTTTGGGG
 GACTTGTCTATGATCCTGTGTGACCTTTTCCATCAACACTCTGTCCCTGAGCACCATCAGGCACTTGC
 AGGAGCTGGTTAGCCAGGAGACCCTGCCAGGGACAGTCCCGACCTCCTCCTCCTTAGGCTGCTGGC
 ACTGGGCCAAGGTGCATGGGACTTAATAGACAGCCAGGTCTTCAAGGAGCCCAAGATGGAGGCAGAGCTC
 ATCACCAAGTTCTGCGCATGCTCATGTCTTCGTGGTGGATGACTACACTTTCAACGTAGATCAGAAGC
 TTCCAGCTGAGGAGAAAGCCCCAGTCACATATCCCAACACGCTTCTGAAAGCTTACCAAGTTTCTGCA
 GGAGCAGCGCATGGCTTGTGAGGTGGGACTGTACTATGTTCTACACATCACCAAGCAGAGAAACAAGAT
 GCTCTCCTGCGCCTGCTGCCTGGTCTTGTGAAACCTTTGGTACCTGGCCTTCAGTGACATCTTCTCC
 ACCTACTACTGGGAGTCTGGCGCTGTTGGCTGATGAATTTGCCCTGGAGGACTTTGCAGCAGCCTCTT
 TGATGGCTTCTTCTCACTGCCTCTCCAGGAAGGACAATGTACACCGCCATGTGCTGAGGCTTCTCCTT
 CACTTGCATGCGAGAGTGGCCCTTCCAAGCTGGAGGCGTTGCAGAAGGCGCTGGAGCCCACGGCCAGA
 GCGGGGAGGCTGTGAAGGAGCTCTACTCCAGCTTGGTGAAGAAGTTGGAGCAGTTGGACCATCGGAAGCC
 CAGTCTCCCCAAGCTGCAGAGACCCCCGACTGGAGCTGCCTCTTCCCAGTGTGCTGCTCCAGCCGCA
 CTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107817
- 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_001107817.3](#), [NP_001101287.3](#)

RefSeq Size: 2586 bp

RefSeq ORF: 1896 bp

Locus ID: 311796

Cytogenetics: 3p13