

## Product datasheet for **RN215599**

### **Ngef (NM\_001136241) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ngef (NM_001136241) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ngef
Synonyms:	Besh3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN215599 representing NM\_001136241  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCTGCTGGCTGCCGCTTTTCAGCGCTGCCTGCGCCGTGGACCACGACAGCTCCACCTCGGAGAGCG  
 ACACGCGGACTCGGCGCGGGACACCTGCCCGCAGCGAGTCATCCTCCACCCCTGAAATGGAACCAC  
 ACCCGAGGAGTGCCCGCCCTCACCGACAGCCACCACGCTCACCGAGGCCCTGCAGATGATCCATCCC  
 ATCCCGCGGACTCCTGGAGAACTCATTGAACAAATAGGGCTCCTGTACCAAGAGTATAGAGACAAAT  
 CGACTCTCAAGAGATCGAAACCCGGAGGCAACAGGATGCAGAAAACAAGGCAACTCGGATGGTCCCA  
 GGCTGGGAAGACAATGCAGAGGAGGAGGAAGAGGAGGAGGAGGCCCGCCAGCCCCCTGAGAGGAGA  
 GCTCTGCCTCAGATCTGCCTGCTCAGCAACCCCACTCCAGGTTCAACCTCTGGCAGGACCTTCTGAGA  
 TCCAGAGCAGCGGGTGTGGACATCCTCAGCCTGAGGAGACCAAGCTGCAGGAGGCCATGTTTGGTT  
 GGTCACTCTGAGCCTCTACTATAAGAGCCTGAACCTGCTGGTGTGCGACTTCATGGAGAACGAGCGG  
 CTGAAGAAGATCCTGCACCCGTCGAGGCCACATCCTCTTCTCAATGTCTGGATGTCATGGCTGCA  
 GTGAGCGGTTTTGCTAGAGCTGGAACCCGCATGGAGGAGAACATTGTCATCTCGGATGTGTGTGACAT  
 CGTGTACCGTTATGCGGCTGATCACTTCTCGGTATATACCTACGTCAGTAACCAGACCTACCAGGAA  
 AGGACGTACAAGCAACTCTACAGGAGAAGACGGCTTTTCGGAACTGATCGCACAGCTGGAGCTGGACC  
 CCAAGTGAAGGGCTGCCCTTGTCTCTCTCATCTTGCCCTTCCAGAGGATCACGAGACTCAAGCT  
 GCTGGTCCAGAATCCTGAAGAGGGTGGAGGAAGGGTCTGAACGTGAAGGCACTGCCTGGATGCCAC  
 AAGGAGCTAGAAATGGTGGTAAAGGCGTGAACGAGGGTGTCCGGAAGATGAGCCGCACAGAACAGATGA  
 TCAGCATTGAGAAGAAGATGGAGTTCAAGATCAAGTCGTAACCTATCATCTCACACTCCCGTGGCTGCT  
 GAAGCAAGGTGAACTACAGCAGATGTCGCGCCCAAGACCTCCCGCACCCCTGCGGACCAAGAAGCTTTC  
 AGAGAGATTTACCTCTTCTCTCAATGACCTGCTGGTGTGTCGCGGCAGATCCCTGGAGACAAGTACC  
 AGGTGTTGATTCCGCTCCAAGGGCCTGCTGCGAGTGGAGGAGCTGGAGGACCAGGGCCAGACTGGC  
 TAATGTGTTTCTGCGGCTGCTGGAAAACGCAGATGACCGGGAGGCCACCTATGCTGAAGGCATCC  
 TCCAGAGCGAGATGAAGCGTTGGATGACTTCACTGGCCCCAACAGGAGGACCAAGTTTGTATCCTTCA  
 CATCTCGGCTGTTGGACTGTCCGAGGTCAGTGTGTCCACCCCTACGTGGCCAGCAGCCCGATGAGCT  
 GACTGGAAGTGGCAGACATCCTGAACATCCTAGAGAAGACGGAGGATGGTGGATCTTGGTGGAGCGG  
 CTGCATGACCAGGAGAGAGGCTGGTTCCCAAGTCCATGACAGAGGAGATCCTGAACCCCAAGATCCGCT  
 CCCAAAACCTCAAGGAATGTTTCCGAGTGACATAAGATGGAGGACCCTCAGCGCAGCCAGAATAAGGACCG  
 CAGGAAGTTGGGACGCCGAATCGTCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001136241

**Insert Size:** 1851 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\\_001136241.1](#), [NP\\_001129713.1](#)

**RefSeq Size:** 2675 bp

**RefSeq ORF:** 1851 bp

**Locus ID:** 246217

**Cytogenetics:** 9q35