

## Product datasheet for **RN209661**

### **Nfyb (NM\_031553) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nfyb (NM\_031553) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nfyb  
**Synonyms:** CBF-B; CBFb; Nfyb  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209661 representing NM\_031553  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACAATGGATGGCGACAGCTCTACAACAGATGCTTCTCAACTAGGGATTTCTGCAGACTACATCGGAG  
GAAGTCATTATGTGATCCAGCCCCAGATGATACTGAGGACAGCATGAATGATCATGAAGATACAAATGG  
TTCAAAAGAAAGTTTCAGAGAACAAGATATTTATCTTCCATTGCAAATGTGGCTAGGATAATGAAAAAT  
GCCATACCTCAAACAGGAAAGATTGCAAAGGATGCCAAAGAATGCGTTCAGGAGTGTGTGAGTGAGTTTA  
TAAGCTTCATAACATCTGAAGCAAGTGAGCGCTGTCAACAGGAGAAGCGGAAGACCATCAACGGGGAGGA  
CATTCTGTTCCGCATGTCCACTCTCGGCTTCGACAGCTACGTGGAGCCTCTGAACTGTACCTCCAGAAG  
TTCAGAGAGGCCATGAAGGGAGAGAAGGGCATTGGTGGGGCCGTGTCTGCTACAGATGGACTCAGCGAGG  
AGCTCACGGAAGAGGCATTAACCAAGTTACCGGCTGGGTTAATAACTGCAGATGGCCAAACAACAAA  
CGTTATGGTTTACACGACGTCCTATCAACAGATTTCTGGTGTCCAGCAGATTCAGTTTTCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_031553

**Insert Size:** 624 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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_031553.2</a></u> , <u><a href="#">NP_113741.1</a></u>
<b>RefSeq Size:</b>	2569 bp
<b>RefSeq ORF:</b>	624 bp
<b>Locus ID:</b>	25336
<b>UniProt ID:</b>	<u><a href="#">P63140</a></u>
<b>Cytogenetics:</b>	7q13
<b>Gene Summary:</b>	a component of the heteromeric mammalian transcription factor which binds to sequences containing a CCAAT motif [RGD, Feb 2006]