

## Product datasheet for **RR207420**

### Nfyc (NM\_012866) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Nfyc (NM\_012866) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Nfyc  
 Synonyms: CBF-C  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR207420 representing NM\_012866  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCACAGAAGGAGGGTTTGGCAGTACCAGCAGCAGTGATGCCAGCAAAGCCTCCAGTCCTTCTGGC  
 CCAGAGTCATGGAAGAAATCCGAACTTAACAGTGAAAGATTTCCGAGTACAAGAACTACCACTGGCTCG  
 TATTAAGAAGATTATGAACTGGATGAAGATGTGAAGATGATCAGTGCAGAAGCCCTGTGCTGTTGCT  
 AAGGCAGCCCAGATCTTCATCACAGAGCTGACTCTTCGAGCCTGGATCCACACAGAGGATAACAAGCGTC  
 GACTCTTCAGAGGAATGATATTGCTATGGCAATTACAAAATTTGATCAGTTTGACTTTCTCATCGACAT  
 TGTTCCAAGAGATGAACTGAAACCTCCAAGCGCCAGGAGGAGGTACGCCAGTCTGTGACTCCCGCGGAG  
 CCTGTCCAGTACTACTTCACGCTGGCTCAGCAGCCCACTGCTGTCCAGGTCCAGGGACAGCAGCAAGGCC  
 AGCAGACCACAGTTCTACGACCACCATCCAGCCTGGCCAGATCATCATTGCGCAGCCTCAACAGGGTCA  
 GACCACACCCGTGACCATGCAGGTTGGAGAAGGTGAGCAGGTGCAGATTGTGCAGGCCAACCTCAGGGT  
 CAGGCCAGCAGGCCAGAGTGGTACTGGACAGACCATGCAGGTGATGCAGCAGATCATTACCAACACAG  
 GAGAGATCCAACAGATCCCGGTGCAGTGAATGCCGGCCAGTTGCAGTATATCCGCTTAGCCAGCCTGT  
 ATCAGGCACCCAAGTTGTGCAGGGACAGATCCAGACCCTTGCTACCAATGCCCAACAGATCACACAGACA  
 GAGGTCCAACAAGGACAGCAGCAGTTCCAGCCAGTTCACAGACGGACAGCAGCTGTACCAGATCCAGCAAG  
 TCACCATGCCTGCAGGCCAAGACCTTGCCAGCCCATGTTATTTCAGTCAGCCAACCAGCCCTCTGATGG  
 GCAGACCCCCAGGTGACTGGAGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <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>                | <a href="#">NM_012866.2</a> , <a href="#">NP_036998.1</a>   |
| <b>RefSeq Size:</b>           | 1967 bp   |
| <b>RefSeq ORF:</b>            | 1008 bp   |
| <b>Locus ID:</b>              | 25337   |
| <b>UniProt ID:</b>            | <a href="#">Q62725</a>  |
| <b>Cytogenetics:</b>          | 5q36  |
| <b>MW:</b>                    | 37.3 kDa  |
| <b>Gene Summary:</b>          | transcription factor; involved in transcriptional activation of various genes [RGD, Feb 2006]   |