

## Product datasheet for **MC207333**

### **Nfyc (NM\_001048168) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nfyc (NM\_001048168) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nfyc  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207333 representing NM\_001048168  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCACAGAAGGAGGGTTTGGCGGTACCAGCAGCAGTGTATGCCAGCAAAGCCTCCAGTCTTCTGGC  
CCAGAGTCATGGAAGAAATCCGAACTTAACAGTGAAAGATTTCCGAGTACAGGAATCCCACTGGCTCG  
TATTAAGAAGATTATGAACTGGATGAAGATGTGAAGATGATCAGTGCAGAAGCCCTGTGTGTTGTGCT  
AAGGCAGCCAGATTTTTATCACTGAGCTGACTCTTCGAGCCTGGATCCACACAGAGGATAACAAGCGTC  
GTA CTCTTCAGAGGAATGATATTGCCATGGCAATTACAAAATTTGATCAGTTCGACTTTCTCATCGATAT  
TGTTCCAAGAGATGAACTGAAACCTCCAAGCGCCAGGAGGAGGTACGCCAGTCTGTGACTCCTGCGGAG  
CCTGTCCAGTACTACTTCAGCTGGCTCAGCAGCCCACTGCTGTCCAGGTCCAGGGACAGCAGCAAGGCC  
AGCAGACCACAGTCTACGACCACCATCCAGCCTGGACAGATCATCATTGCACAGCCTCAGCAGGGTCA  
GACCACACCCGTGACCATGCAGGTTGGAGAAGGTGAGCAGGTGCAGATTGTACAGGCCAACCTCAGGGT  
CAGGCCCAGCAGACCCAGAGTGGCACTGGACAGACCATGCAGGTGATGCAGCAGATCATTACCAACACAG  
GAGAGATCCAGCAGATCCCGGTGCAGCTGAATGCTGGCCAGCTGCAATATATCCGATTAGCCAGCCTGT  
ATCAGGCACCCAAGTTGTCCAAGGACAGATCCAGACACTTGTACCAATGCCCAACAGATCACACAGACA  
GAGGTCCAGCAAGGACAGCAGCAGTTCAGCCAGTTTACAGATGGACAGCAGCTGTACCAGATCCAGCAAG  
TCACCATGCCTGCAGGCCAAGACCTCGCCAGCCCATGTTTATTAGTCAAGCAATCAGCCCTCTGATGG  
GCAGACCCCCAGGTGACTGGAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001048168  
**Insert Size:** 1008 bp



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<b>OTI Disclaimer:</b>	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).
<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_001048168.2</a> , <a href="#">NP_001041633.1</a>
<b>RefSeq Size:</b>	1917 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	18046
<b>UniProt ID:</b>	<a href="#">P70353</a>
<b>Cytogenetics:</b>	4 56.52 cM
<b>Gene Summary:</b>	<p>Component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 4, 5 and 6 encode the same isoform (1).</p>