

Product datasheet for **MC227100**

Nfyc (NM_008692) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nfyc (NM_008692) 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: >MC227100 representing NM_008692
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCACAGAAGGAGGGTTTGGCGGTACCAGCAGCAGTGTATGCCAGCAAAGCCTCCAGTCTTCTGGC
CCAGAGTCATGGAAGAAATCCGAACTTAACAGTGAAAGATTTCCGAGTACAGGAATCCCCTGGCTCG
TATTAAGAAGATTATGAACTGGATGAAGATGTGAAGATGATCAGTGCAGAAGCCCTGTGCTGTTTGCT
AAGGCAGCCAGATTTTTATCACTGAGCTGACTCTTCGAGCCTGGATCCACACAGAGGATAACAAGCGTC
GTA CTCTTCAGAGGAATGATATTGCCATGGCAATTACAAAATTTGATCAGTTCGACTTTCTCATCGATAT
TGTTCCAAGAGATGAACTGAAACCTCCAAGCGCCAGGAGGAGGTACGCCAGTCTGTGACTCCTGCGGAG
CCTGTCCAGTACTACTTCAGCTGGCTCAGCAGCCACTGCTGTCCAGGTCCAGGGACAGCAGCAAGGCC
AGCAGACCACCAGTTCTACGACCACCATCCAGCCTGGACAGATCATCATTGCACAGCCTCAGCAGGGTCA
GACCACACCCGTGACCATGCAGGTTGGAGAAGGTGAGCAGGTGCAGATTGTACAGGCCAACCTCAGGGT
CAGGCCCAGCAGACCCAGAGTGGCACTGGACAGACCATGCAGGTGATGCAGCAGATCATTACCAACACAG
GAGAGATCCAGCAGATCCCGGTGCAGCTGAATGCTGGCCAGCTGCAATATATCCGATTAGCCAGCCTGT
ATCAGGCACCCAAGTTGTCCAAGGACAGATCCAGACACTTGCTACCAATGCCCAACAGATCACACAGACA
GAGGTCCAGCAAGGACAGCAGCAGTTCAGCCAGTTCACAGATGGACAGCAGCTGTACCAGATCCAGCAAG
TCACCATGCCTGCAGGCCAAGACCTCGCCAGCCCATGTTTATTCAGTCAGCCAATCAGCCCTCTGATGG
GCAGACCCCCAGGTGACTGGAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_008692
Insert Size: 1008 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_008692.4</u> , <u>NP_032718.2</u>
RefSeq Size:	1990 bp
RefSeq ORF:	1008 bp
Locus ID:	18046
UniProt ID:	<u>P70353</u>
Cytogenetics:	4 56.52 cM
Gene Summary:	<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 (1) represents the longer isoform (1). Variants 1, 2, 4, 5 and 6 encode the same isoform (1).</p>