

Product datasheet for **MC215653**

Yy2 (NM_001098723) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Yy2 (NM_001098723) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Yy2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215653 representing NM_001098723 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGCCTCTGAGACAGAGAACTTCTGTGTCTTAACACAGAAAGCGCAGAGATTCCTGCTGATTTTGTGG
AGCTGCTGCCACCGGATAATATCGGTGATATCGAGGCGGTTTCTCTGGAAACCAGCGTAGGCCAAACCAT
CGAAGTATATGGAGATGTAGGTGTCGATTGGGCGCATGGTAGCCAATACCACTCTCCTGTTATTGCTCTG
CAGCCGCTTGTGGCAGCAGCCTGAGTAGTAGAGATCATGATAAGGAAATGTTTGTCTGTTTCAGACACGAG
AGGAGGAGGTGGTGGCTACCAAGACTCAGACAACCTACTATTTCAGTCCTGAATTTGGAAGCCAGATGGT
TTTGCCAGTTAATGAAGACGACTATCTCCAGCCGACCACTGCCTCTTTTACGGGCTTTCTGGCGGCAGAG
AATGGTCAAGGTGAGCTCAGCCCCTATGAAGGGAATCTCTGTGGTTTGACGACCTTTATAGAGGCCGGTG
CAGAAGAAAGCGTGAACGCTGACCTGGGTGACAAACAGTGGGAGCAGAAGCAGATCGATGGTCTTGATGG
CGAATTTCCCTTACCATTGTGGGACGATGTTAATGAAAAAGAAGATCCCATAGCTGAAGAACAGGCTGGT
GAGTCACCCCCGATTATTCTGAGTATATGACAGGAAAGAAATTCCTCCTGAAGGAATACCTGGCATTG
ATCTTTCTGATCCCAACAACCTGGCAGAATTTACTAGCATGAGACCCAAAAAGCCAAAAGGAGACTTTCC
AAGACCTATAGCATGCTCTCATAAAGGCTGCGAGAAGATGTTCAAAGATAATTCTGCTATGAGAAAGCAC
TTGCACATCCATGGGCCGAGAGTGCATGTCTGTGCAGAATGTGGCAAAGCTTTTGTGAGAGTTCCAAGC
TGAAACGTCATCAGCTTGTTCACACTGGAGAGAAACCCTACCAGTGTACCTTTGAAGGCTGTGGGAGACG
CTTTTCCCTGGATTTCAATTTGCGCACACATGTGCGAATCCATACTGGAGACAAACCTTTTCGTGTGTCCA
TTTGATGCCTGCAACAAGAAGTTTGACAGTCAACAAACCTGAAATCGCATATCTTAACCATGTTAAGA
ACAAGAATGACCAG**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001098723
Insert Size:	1137 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001098723.1, NP_001092193.1</u>
RefSeq Size:	2867 bp
RefSeq ORF:	1137 bp
Locus ID:	100073351
UniProt ID:	<u>Q3TTC2</u>
Cytogenetics:	X
Gene Summary:	Functions as a multifunctional transcription factor that may exhibit positive and negative control on a large number of genes. May antagonize YY1 and function in development and differentiation.[UniProtKB/Swiss-Prot Function]