

Product datasheet for **MC203090**

Ybx3 (NM_139117) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ybx3 (NM_139117) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ybx3
Synonyms:	Csda; dbpA; Dpba; MSY3; MSY4; oxyR; Yb2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC048242
 CTTCTGGGGCCGGGAGATCCAGCGAGACCGCGAGCGCGCGTCCCCAGCCCTCGAGCCGCCGCCGCCG
 CGCGCCGCGCGATCCGCACCGGCCTCCCCGAGAGCGAGCCGGACGCCGCGACTGCCACCGCGCTAACCGC
 CGCCAACCGCCACCGAGGTGCCCGGAGAGAGCGGAGAGCGGCATGAGCGAGGCGGGCGAGGCCACCACC
 GGCGGCACCACGCTCCCGCAGGCCGCGGCCGACGCGCCCGCCGCGCGCCCGGACCCCGCGCTAAGA
 GCCCGGGCCAGCGCGCGCCCGAGCCCGCGCGCCCGCGCTGCTCGCGGGAGCCCGCGCGGAGA
 CGCAGCCCGGGCCCGCCCGGCCTCATCAGCCCGCGGGCGGCGAGGACGCGGAGAAGAAAGTTCTC
 GCCACCAAGTCTTGGCACTGTCAAATGGTTCAACGTCAGAAATGGATATGGATTATAAACCGAAATG
 ACACCAAAGAAGATGTGTTGTACACCAGACGGCCATCAAGAAAAACAACCCACGCAAGTATCTGCGCAG
 TGTGGGGGATGGAGAACTGTAGAGTTTGTAGTGTAGTTGAAGGAGAAAAGGGTGTGAAGCAGCAAACGTG
 ACTGGCCAGATGGAGTTCCTGTAGAAGGGAGTCGCTATGCTGCTGACCGCGCCGGTACAGACGCGGT
 ACTATGGCAGGCGCCGTGGACCTCCCCGTAATTACGCTGGGGAGGAGGAGGAAGGGAGCGGCAGCAG
 TGAAGGATTTGAGCCCCCTGCCGAGATGGGCAGTTCTCTGGGGCAGGAATCAGCTGCGCCGCCCCAG
 TATCGCCCTCCATACCGGACGCGGCTTTCCCGCCTTACCACGTGGGACAGACCTTTGACCGTCGCTCAC
 GGGTCTTTCCCCATCCCAACAGAATGCAGGCTGGTGAGATTGGGGAGATGAAGGATGGAGTCCCCGAGGG
 AACACAGCTCCAGGCTCATCGGAATCCGACTTACCGCCCGAGGTTCCGCGAGGGGACTGCTGCCACGA
 CCTGCCCTGCTATTGGAGAGGCTGAAGACAAAGAAAACAGCAAGCGGCTAATGGTCCAAACAGCCGT
 CTGCCCGCGTGGATTCCGACGTCCTACAACATAAGGCGCGTTCCTGCCCTCAACGCTGTTTCA
 AGATGGCAAAGAGACCAAGGAGGTGAAGCACCAACTGAGAACCCCGCTCCAGCTACCGAACAGAGCAGT
 GCCGAGTGACCTGGCTCCCAGGCACCGTAACCACCAGCAGGGTGACCTAAAGAATTAATGACCATTC
 AAACAAGGCAAAAAGCACACCCACGACCTTACCAACACCAAGAAACATCTAAGCAATAAAATGGAAGA
 CTAACCAAGAATTGGACATTAGAATGTTACTGCTATTCTCTACGAACTAACAACATAAAGGGAACGA
 GCCAGCAAGTGCCATCAAGCTGTATCCCGGGAACCTGCACAGGGCAGGAGAGCAGCCTCCCGAGTTTC
 AGCAACCTAGTGCTTTCTATTTTTTCTGGTTTTTACTGTTTTGTAATATGAATTAAGAAGAATA
 TTAATACCACATGGGATTGCCCAACCAAGAAATCTGAAATATATAGTAAATGCTTTTTTCTTTGT
 TGTTCATTTTGGATGCTGGTGTAACTTCCAAGTGTATGATTTAAGAAGAAATTTATGCCCTTATTT
 ATTCCTAGGATGAGGGGAGAACGTTTTTCTTTCTCACATAGCTCTCTGAAATGTGCAGTAACAAGTT
 CCTCAAAAATAAAATTTTTACCTTCAAAGGAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_139117

Insert Size: 1086 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

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.

RefSeq: [BC048242](#), [AAH48242](#)

RefSeq Size: 1864 bp

RefSeq ORF: 1086 bp

Locus ID: 56449

UniProt ID: [Q9JKB3](#)

Cytogenetics: 6 F3

Gene Summary: Binds to the GM-CSF promoter. Seems to act as a repressor (By similarity). Binds also to full-length mRNA and to short RNA sequences containing the consensus site 5'-UCCAUCA-3'. May have a role in translation repression.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and it encodes the long isoform.