

Product datasheet for **MC205106**

Ybx3 (NM_011733) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ybx3 (NM_011733) 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)

Fully Sequenced ORF: >BC027785
 CCACGCGTCCGGCGGGGCCATCTTCGGGGCCGGGAGATCCAGCGAGACCCGAGCGCGCGCTCCCCA
 GCCCTCGAGCCGCCGCCCGCCGCGCGCGCGATCCGCACCGGCTCCCCGAGAGCGAGCCGGACGCC
 GCGACTGCCACCGCGCTAACCGCCGCCAACCGCCACCGAGGTGCCCGAGAGAGCGGAGAGCGGCATGA
 GCGAGGCGGGCGAGGCCACCACCGCGGCCACCAGCTCCCGCAGGCCGCGGCCGACGCGCCCGCCGCGC
 GCCCCCGGACCCGCGCTAAGAGCCCGCGGCCAGCGCGCGCCAGGCCCGCGCCCGCCGCGCTG
 CTCGCGGGGAGCCCGCGGAGACGCAGCCCCGGGCCCGCCCGGCTCATCAGCCCCGCGGGCGGCG
 AGGACGCGGAGAAGAAAGTTCTCGCCACCAAGTCTTGGCACTGTCAAATGGTTCAACGTGAGAAATGG
 ATATGGATTTATAAACCGAAATGACACCAAGAAGATGTGTTGTACACCAGACGCCATCAAGAAAAAC
 AACCCACGCAAGTATCTGCGCAGTGTGGGGATGGAGAACTGTAGAGTTTGATGTAGTTGAAGGAGAAA
 AGGGTGTGAAGCAGCAAACGTGACTGGCCAGATGGAGTTCCTGTAGAAGGGAGTCGCTATGCTGCTGA
 CCGGCGCCGGTACAGACCGGCTACTATGGCAGCGCCGTGGACCTCCCGTAATGCTGGTGAGATTGGG
 GAGATGAAGGATGGAGTCCCGAGGGAACAGCTCCAGGCTCATCGGAATCCGACTTACCGCCGAGGT
 TCCGCAGGGGACCTGCTCGCCCACGACCTGCCCTGCTATTGGAGAGGCTGAAGACAAAGAAAACAGCA
 AGCGGCTAATGGTCCAAACCAGCGTCTGCCCGCGTGGATTCCGACGTCCCTACAACATAGGCGCCGT
 TCCCGTCCCTCAACGCTGTTTCAAGATGGCAAGAGACCAAGGCAGGTGAGGCACCAACTGAGAACCC
 CGCTCCAGCTACCGAACAGAGCAGTGCCGAGTGACCTGGCTCCCAGGCACCGTAACCACCAGCAGGGTG
 ACCTAAAGAATTAATGACCATTCAAAAAAAGGCAAAAAAGCACACCCACGACCTTACCAACACCAAGA
 AACATCTAAGCAATAAAATGGAAGACTAACCAAGAATTGGACATTAGAATGTTTACTGCTATTCTCTAC
 AAATAACAACACTACAAAGGGAACGACGACCAAGTGTCCATCAAGCTGTATCCCGGGAACCTGCACAGGC
 ACAGGAGAGCAGCCTCCCGAGTTTCAGCAACCTAGTGCTTTCTATTTTTTTTCTGGTTTTTACTGTTTT
 GGTAATATGAATTAAGAAGAAATATTAATACCACATGGGGATTGCCCAACCAAGAAATCTGAATA
 TATAGTAAATGCTCTTTTCTTTGTTGTTTCAATTTGGATGCTGGTGCTAAACTTCAAGTGTGATGATT
 TAAGAAGAAATTTATGCCCTTATTTATCCTAGGATGAGGGGAGAACGTTTTTGCTTTCTCACATAGCT
 CTCTCTGAAATGTGCAGTAACAAGTTCCTCAAAAATAAAATTTTTACCTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_011733
Insert Size:	900 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	BC027785 , AAH27785
RefSeq Size:	1676 bp
RefSeq ORF:	900 bp
Locus ID:	56449
UniProt ID:	Q9JKB3
Cytogenetics:	6 F3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame segment in the coding region, compared to variant 1. The resulting protein, known as the short isoform, is shorter than the long isoform.</p>