

Product datasheet for **MG205539**

Ybx3 (NM_139117) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ybx3 (NM_139117) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ybx3
Synonyms:	Csda; dbpA; Dpba; MSY3; MSY4; oxyR; Yb2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205539 representing NM_139117 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGAGGGCGGGCAGGGCCACCACGGCGGCCACACGCTCCCGCAGGCCGCGGGCCGACGCGCCCGCG
CGGCGCCCCGGACCCCGCGCCTAAGAGCCCGCGGCCAGCGGCGCGCCACGGCCCCGGCGCCCGCCG
GCTGCTCGCGGGAGCCCGCGGAGACGACGCCCGGGCCCGCCCGGCTCATCAGCCCCGCGGGC
GGCGAGGACGCGGAGAAGAAAGTTCTCGCACCAAAAGTCTTGGCACTGTCAAATGGTTCAACGTCAGAA
ATGGATATGGATTTATAAACCGAAATGACACCAAGAAGATGTGTTGTACACCAGACGGCCATCAAGAA
AAACAACCCACGCAAGTATCTGCGCAGTGTGGGGATGGAGAACTGTAGAGTTTGATGTAGTTGAAGGA
GAAAAGGGTGCTGAAGCAGCAAACGTGACTGGCCAGATGGAGTTCTGTAGAAGGGAGTCGCTATGCTG
CTGACCGGCGCCGGTACAGACGCGGCTACTATGGCAGGCGCCGTGGACCTCCCCGTAATTACGCTGGGGA
GGAGGAGGAGGAAGGGAGCGGCAGCAGTGAAGGATTTGAGCCCCCTGCCGAGATGGGCAGTTCTCTGGG
GCCAGGAATCAGCTGCGCCGCCCCAGTATCGCCCTCCATACCGGACGCGGCTTTCCCGCCTTACCACG
TGGGACAGACCTTTGACCGTCTCACGGGTCTTCCCATCCCAACAGAATGCAGGCTGGTGAGATTGG
GGAGATGAAGGATGGAGTCCCCGAGGGAACACAGCTCCAGGCTCATCGGAATCCGACTTACCGCCCGAGG
TTCCGCGAGGGACCTGCTCGCCACGACCTGCCCTGCTATTGGAGAGGCTGAAGACAAAGAAAACCCAGC
AAGCGGCTAATGGTCAAACAGCCGTCTGCCCGCGTGGATTCCGACGTCCTACAACATAGGGCGCCG
TTCCCGTCCCCTCAACGCTGTTTCAAGATGGCAAAGAGACCAAGGCAGGTGAAGCACCAACTGAGAAC
CCCCTCCAGCTACCGAACAGAGCAGTCCGAG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205539 representing NM_139117
Red=Cloning site Green=Tags(s)

MSEAGEATTGGTTLPQAAADAPAAAPPDPAPKSPAASGAPQAPAPAALLAGSPGGDAAPGPAPASSAPAG
 GEDAEEKVLATKVLGTVKWFNVRNGYGF INRNDTKEDVFVHQTAIKKNNPRKYLRSVGDGETVEFDVVEG
 EKGAEAAAVTGPDGVVPEGSRYAADRRRYRRGYGRRRGPPRNYAGEEEEEEGSGSSEGFEPFAADGQFSG
 ARNQLRRPQYRPPYRQRRFPPYHVGTDFRRSRVFPHPNRMQAGEIGEMKDGVPETQLQAHNPYRPR
 FRRGPARPRPAPAIGEAEDKENQQAANGPNQPSARRGFRPYPYRRRSRPLNAVSQDGKETKAGEAPTEN
 PAPATEQSSAE

TRTRPLE - GFP Tag - V

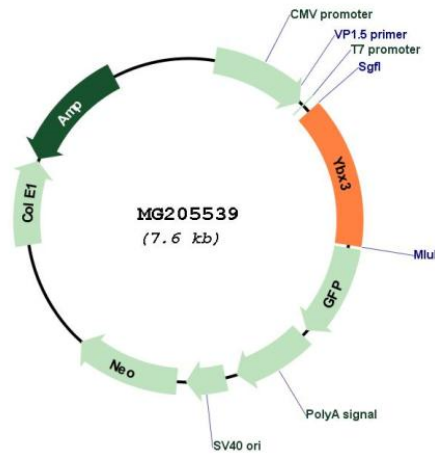
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_139117

ORF Size:	1083 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>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_139117.2 , NP_620817.2
RefSeq Size:	1862 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]