

Product datasheet for **MG206045**

C87436 (BC026926) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C87436 (BC026926) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: C87436
Synonyms: MGC25529
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206045 representing BC026926
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCAAACCTCTCAGAGGACTAAAGTCCCAGCTTTCTTATCTGACTTGGGAAGGCCACACTGAGGG
GAATCAGGAAGTGTCCCGATGTGGTACGTTCAATGGAACCCGTGGGTTGAGCTGTAAGAACAAGACATG
TGGAACCATATTTGCTATGGTGCAGGAAAGCAGCCTAGCATTGAAGCTGTCAAATCATCACCGGCTCT
GATCTACAGGTCTACTCTGTGCGACAGAGAGACCGAGGCCCGACTACCGATGCTTCGTGGAGCTCGGTG
TTTCGGAGACTGCAATCCAGACCGTGGATGGTACAATCATCACTCAGCTGAGCTCCGGCCGATGTTACGT
CCCTCGTGTGAAAGCTGCCACTCAAGGCATTGTGAAAACCAAGTGTCAACACATCAAGCTAGCGGTG
ACCTGCCAGGCGGAGGCCACCCCTCTGACCCTGAAGAGCTCAGTCTGAATGCTCTGCAGGCTGCCCCAG
AAACCAAGCAGAGCCTCTGGCAGCTGGCCACCGAGCCACGGGGCCCTGGTACAGAGAGTCACTAAAAA
CATTATGGTGGTGAATGCAAAGCCAGCCAGAAGCACAACCTTGGGCTACTTGCACGCGTCTTATGCGAG
AAGATCAGCTCCAGAAGCTTGGCGAGCGCCGCTTCTTCTGCTCTGCCAGACTCTGAGGCCACACAAGT
CCAGCGTCCCAAGGCTGAGGCAGCCCCAAAGTGCATCCATTTCTTTGCTGTCTCTGTGCCTTTGCCAG
CGATGAGACATTTAGGCTCAGGAGTTCTCGACTTCTGAACTTCGATGCCAGTGGTCTTAAGGAGATAATT
GTGCCCCATTTAGGCTGCCATGCAGAGTCATCTGTCTCAGCTTGTGAGTCTGCTGCCTTAAGCCCCGGA
AGAGGAAGAAGGATGAAGTGTCTGGTGCACAGGTGAACAGCTCACTGATGCCGCAAGATGCAGTAAACAG
CAATCTAAGGAAGAGTGGCCTGAAAAGGCTGTGGTTACGTCATCATTGAAAAGGCACGCTGTGGTTCAG
CTGTTAGATGAGGCACAAGTGACCCTGTCTTCCAAGACTGGCTGGCCAGTGTACAGAGCGCATCCATC
AAACCATGCACTATCAGTTTGTGGACCAACAAAGTGGAGT

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206045 representing BC026926
 Red=Cloning site Green=Tags(s)

MEPNSQRTKVP AFLSDLGKATLRGIRKCPRCGTFNGTRGLSCKNKT CGTIFRYGARKQPSIEAVKIITGS
 DLQVYSVRQRDRGPDYRCFVELGVSETAIQTVDGTIIITQLSSGRCYVPSCLKAATQGIVENQCQHIKLA V
 TCQAEATPLTLKSSVLNALQAAPETKQSLWQLATEPTGPLVQRVTKNIMVVKCKASQKHNLGYLHASFMQ
 KISSRSLPERRFFCSCQTLRPHKSSVPKAEAAPKCIHFFACLCAFASDETLAQEFSDFLNFDASGLKEII
 VPHLGCHAESSVSACESAASKPRKRKKDEVSGAQVNSLMPQDAVNSNLRKSGLKRVPVTSLSLKRHVCQG
 LLDEAQVTL SFQDWLASVTERIHQTMHYQFDGPTKWS

SGP TRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: BC026926

ORF Size: 1163 bp

OTI Disclaimer: 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](#)

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:

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: [BC026926](#), [AAH26926](#)

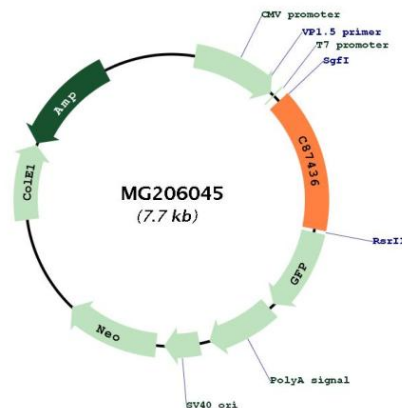
RefSeq Size: 2662 bp

RefSeq ORF: 1163 bp

Locus ID: 232196

Cytogenetics: 6 D1

Product images:



Circular map for MG206045