

Product datasheet for **MG208243**

BC062115 (BC096521) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC062115 (BC096521) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BC062115
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208243 representing BC096521
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGGAGAGAAACCTTATGAATGTTCGAAGTGTGGTAAAGCCTTTGAATGACAATCATCTTCAAATC
GTGAAAAACATCATACTCTTGAGAACTCTTGAGTGTAGTCAATGTGAAAAAGCCTTTGCAAGTCGCAG
TTATCTTCCAATACACAGAAGAATTCATACTGGAGAGAAACCATATGAATGTAATGCGGTAAAGCA
TTTACAAGTCGCAGTTATCTCAAATTCATAAAAGTGTTCACTGGAGAGAAACCGTATGAATGTAATC
AGTGTAGTAAAGCCTTTGCAAAATTTCTATAGTCTTGCACAACATGAAAAATACCATACTCGAAAAAC
TTATGAGTGTAGTCATTGTAGTAAAGCCTTTCCAAGTCCAGTTCCTTCAAGTACATGAAAGAATCAT
ACTGGTGAGAAACCTATGATTGCACTGAATGTGGTAAAGCATTATAAGTACAGTTCTCTTCAGATAC
ACAAAAGAGTTCACTGGAGAGAAACCATATGAATGTAATGTAATGCGGTAAAGCCTTTGTAATCGAAG
TTATCTTGAAGTACACAAAAGAATTCATACTGGAGAGAAACCTATGAATGTAGTCAATGCAGTAAAGCC
TTTGCAAAATTTCCGTAGTCTTGCACAACATGAAAAAATCATACTAGAGAAAAACCTATGAGTGTAGTC
AGTGCAGTAAAGCCTTTGTAAGTCTTGTCACTTTCAGATTCACCAAAGAACCCATACAGGAGAGAAACC
CTATGATTGCACTGACTGTGAAAAAGCCTTTACACGGCTCAGTAATCTGCAGGTACACAAAAGAACTCAC
ACGGGACAGAAACCTATTGTTGCGAGTCAGTGTGGAAAGCCTTTCCGTGTTTCAGTAATCTCCAAATCC
ATGAAAGAACTCACACTGGAGAGAAGCCATATGCATGCAATCAGTGTGGAAAGCCTTCGCAAGTCGTGC
TAGTCTTCAATACCATGAAAAACATCACACTGGAGAGAAGCCATATGGATGTAATCAGTGTGGAAAGCC
TTTGTAAGTCCCAGTCATCTTCAAATACACCAAAGAACTCACACGGGTGAGAAACCTACGAATGTAGTC
AGTGTGGAAAGCCTTTGCACGTCGCAAGTAACTTCAAATCCATGAAAGAAGTCACTGGAGAGAAAGCC
CTATGACTGTAATCAGTGTGAAAAAGCCTTCGCAAGTCGTGCTAGTCTTCAATACCATGAAAAACATCAC
ACTGGAGAGAAGCCATGGATGTAGTCACTGTTGAAAGCCTTTCAGTTCGCGAGTCTTCTTCAAGTAC
ATGAAAGAAGCAGCACTGGAGAGAAGCCACATCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGT
TTATCTGCAAGTACACAGAAGAGCCATGCGGGAGAAAAGCGGTATGAATGCATTAGTGTGGAAAGCC
TTTGATATCTCACTAGTCTCTGTAGTCACAGAAATCTGTGCTGGAGAGAAACCTGTGGCAGTGTCT

ACGGTACGGGCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208243 representing BC096521
Red=Cloning site Green=Tags(s)

MLERNLMNVRSVVKPLNDNHLQNREKHHTLEKLFECQCGKAFASRSYLP IHRRIHTGEKPYECTQCGKA
FTSRSYLK IHKSVHTGEKPYECNQCSKAFANFYSLRQHEKYHTREKPYECSHCSKAFSPSSLQVHERTH
TGEKPYDCTECGKAFISHSSLQIHKRVHTGEKPYECTLCGKAFVNRSYLEVHKRIHTGEKPYECSQCSKA
FANFRSLRQHEKNHTREKPYECSQCSKAFVSPCHLQIHQRHTHTGEKPYDCSDCGKAFTRL SNLQVHKRTH
TGQKPYCCSQCGKAFPCF SNLQIHERHTHTGEKPYACNQCGKAFASRASLQYHEKHHTGEKPYGCNQCCKA
FVSPSHLQIHQRHTHTGEKPYECSQCGKAFARRSNLQIHERSHTGEKPYDCNQCGKAFASRASLQYHEKHH
TGEKPYGCSQCGKAFALRSLQVHERHTHTGEKPHQCTQCGKAFVSRSYLQVHRRAHAGEKRYECIQCGKA
FVYLTLCSHRKFCAGEKPCGSA

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC096521

ORF Size: 1541 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: [BC096521](#)

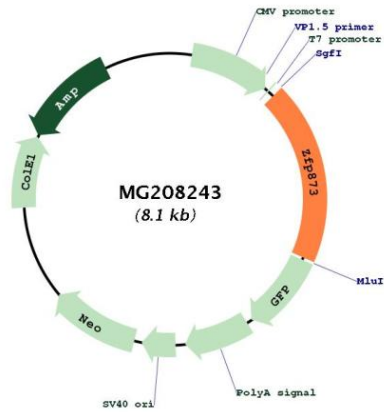
RefSeq Size: 2112 bp

RefSeq ORF: 1541 bp

Locus ID: 408062

Cytogenetics: 10 C1

Product images:



Circular map for MG208243