

Product datasheet for **MG209026**

BC062115 (BC062115) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MG209026 representing BC062115
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTATGAAAGAATCTACAATGAAGAGAAAGCCTATGAATGTAATCAATACAGTAAAGCCTTTGTAATT
 TCCATAGTCTTCCACAACATGCAAAAAATCACCTAGAGAACAACCGTATGAATGTAATCACTGTGGTAA
 AGCCTATGTGAGTCCCAGTTCTCAGATACAAAAAGAGTATGTTGGAGAGAAACCTTATGAATGTTCCG
 AAGTGTGGTAAAGCCTTTGAAAATGACAATCATCTTCAAATCGTAAAAACATCATACTTTGAGAAAC
 TCTTTGAGTGTAGTCAATGTGGAAAAGCCTTTGCAAGTCGCAGTTATCTTCCAATACACAGAAGAATTCA
 TACTGGAGAGAAACCATATGAATGTACTCAATGCGGTAAGCATTACAAGTCGCAGTTATCTCAAATTTCT
 CATAAAAGTGTTCATACTGGAGAGAAACCGTATGAATGTAATCAGTGTAGTAAAGCCTTTGCAAATTTCT
 ATAGTCTTCGACAACATGAAAAATACCATACTCGAGAAAAACCTTATGAGTGTAGTCATTGTAGTAAAGC
 CTTTCCAAGTCCCAGTTCTTCAAGTACATGAAAGAACTCATACTGGTGAGAAACCTATGATTGCACT
 GAATGTGGTAAAGCATTATAAGTCACAGTTCTTTCAGATACAAAAAGAGTTCATACTGGAGAGAAAC
 CATATGAATGTACTCTATGTGAAAAGCCTTTGTAATCGAAGTTATCTTGAAGTACAAAAAGAATTCA
 TACTGGAGAGAAACCTATGAATGTAGTCAATGCAGTAAAGCCTTTGCAAATTTCCGTAGTCTTCGACAA
 CATGAAAAAAATCATACTAGAGAAAAACCTATGAGTGTAGTCAGTGCAGTAAAGCCTTTGTAAGTCCTT
 GTCATCTTCAGATTACCAAAGAACCATACAGGAGAGAAACCTATGATTGCAGTACTGTGAAAAGC
 CTTTACACGGCTCAGTAATCTGCAGGTACAAAAAGAACTCACACGGGACAGAAACCTATTGTTGCAGT
 CAGTGTGGGAAAGCCTTTCCGTGTTTCAGTAATCTCAAATCCATGAAAGAAGTCACTGGAGAGAAGC
 CCTATGCATGCAATCAGTGTGGAAAAGCCTTCGCAAGTCGTGCTAGTCTTCAATACCATAAAAAACATCA
 CACTGGAGAGAAAGCCCTATGGATGTAATCAGTGTGGGAAAAGCCTTTGTAAGTCCCAGTCACTTCAAATA
 CACCAAAGAAGTCAACGGGTGAGAAAACCTACGAATGTAGTCAGTGTGGGAAAAGCCTTTGCACGTCGCA
 GTAATCTTCAAATCCATGAAAGAAGTCACTGGAGAGAAGCCCTATGACTGTAATCAGTGTGAAAAGC
 CTTTCGCAAGTCGTGCTAGTCTTCAATACCATAAAAAACATCACACTGGAGAGAAGCCCTATGGATGTAGT
 CAGTGTGGTAAAGGCTTTGCACTTCGCAGTCTTCTTCAAGTACATGAAAGAAGCAGCACTGGAGAGAAGC
 CACATCAGTGCCTCAGTGCAGTAAAGCCTTTGTAAGTCGTAGTTATCTGCAAGTACACAGAAGAGCCCA
 TCGGGGAGAAAAGCGGTATGAATGCATTAGTGTGGCAAAGCCTTTGTATATCTCACTAGTCTCTGTAGT
 CACAGAAAATTCTGTGCTGGAGAGAAACCTGTGGCAGTGCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209026 representing BC062115
 Red=Cloning site Green=Tags(s)

MYERIYNEEKAYECNQYSKAFVNFHSLPQHAKNHPREQPYECNHCGKAYVSPSSQIHKRSHVGEKPYECS
 KCGKAFENDNHLQNREKHHHTLEKLFECSCGKAFASRSYLPPIHRRITHTGEKPYECTQCGKAFTSRSYLKI
 HKSVHTGEKPYECNQCSKAFANFYSLRQHEKYHTREKPYECSHCSKAFSPSSQLVHERHTHTGEKPYDCT
 ECGKAFISHSSLQIHKRVHTGEKPYECTLCGKAFVNRSYLEVHKRIHTGEKPYECSQCSKAFANFRSLRQ
 HEKNHTREKPYECSQCSKAFVSPCHLQIHQRHTHTGEKPYDCSDCGKAFTRLSNLQVHKRHTHTGQKPYCCS
 QCGKAFPCFSNLQIHERHTHTGEKPYACNQCGKAFASRASLQYHEKHHTGEKPYGCNQCGKAFVSPSHLQI
 HQRHTHTGEKPYECSQCGKAFARRSNLQIHERSHTGEKPYDCNQCGKAFASRASLQYHEKHHTGEKPYGCS
 QCGKGFALRSLQVHERHTHTGEKPHQCTQCGKAFVRSYLVHRRHAGEKRYECIQCGKAFVYLTSLCS
 HRKFCAGEKPCGSA

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC062115

ORF Size: 1724 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: [BC062115](#)

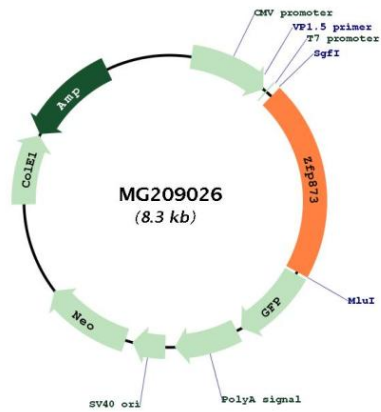
RefSeq Size: 2346 bp

RefSeq ORF: 1724 bp

Locus ID: 408062

Cytogenetics: 10 C1

Product images:



Circular map for MG209026