

Product datasheet for **MG204829**

BC024479 (BC024479) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC024479 (BC024479) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BC024479
Synonyms:	MGC37388
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204829 representing BC024479 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACTATTCACAGGAGGACTGGGAAACACAGTCAGGAGCTCCATGGCTATCCAACAGATCAGG
AATTGGATGAAATGCCAGTTTCAAAGAGAACGTTAAAAATAAACAGAGTCTTCTGAAGAGGCACAGAA
GCGAGATACCATGCAGAAATTGTACAGATTTTGGAGTCGGTGCAGTTGAAATGGGAAGTGTTCAGAGT
TGGACAGACTTCTCAAGGCTCCATCTTCCAATAAATTGGCCATTTTGAATTGGCTATAACACCCGCT
GGAAAGAGGATATTCGTTACCATTATGCTGAGATCAGCTCACAGGTGCCCTTGGCAAGCGTCTTCGCGA
GTATTTCAACTCTGAGAAAGCCTGAGGGACGGATCATTATGACCCGGGTGCAAAAAATGAAGTGGAAAAAT
GTTTACTACAAGTTTTTAGAGATCACCATCAGTGAAGCGAGGTGCCTAGAGCTGCACATGGAGATTGACT
GGATACCCATTGCCCCTCGAAGCCAACCGGGGCAATGTTGTTTCAGTATTTATTGCCAGGAGGCATTCC
TAAAGCCAGGCCTTTATGCCATTGGCTATGAAGAATGTATCGAGAGGCCTCTCTCACCAGATGTGGAG
CGCCATGCTCTGGACCCAGGGAAAGAGGGCCGAGTCGACCTGGAGACCTCTCAGCACAAGCCTCATTAC
AGGTGGAAGTGAACCCACCCGGATCATCTACTGCTACCTCGGTATTGCTGAGGTGAGGACTCTGCAGCA
GTGCTTGTTTTACATTTCCAAGCAAATGCCAAACCTTCAGTAAAGAGTGGGTTGGTATTAATGGGTTT
TTGTCTCAGAACTGTATTGTGGATCCTGGAGTTTCCCCAAGTCCATCTACATCAAATTTGTAGAAGTAG
AGAGGGATTTTCTTCTGCCGGCTCATTAGTTGAGTGTCTGAAAAAGCCATTGGATACCCCTTAAAT
TAACAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

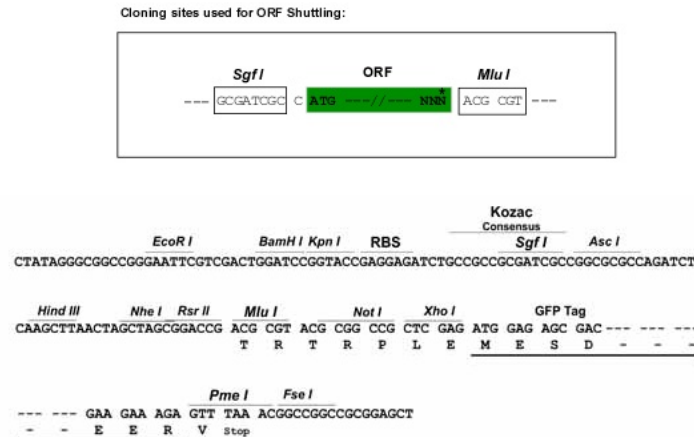
Protein Sequence: >MG204829 representing BC024479
 Red=Cloning site Green=Tags(s)

MEDYSQEDWGNHSQELHGYPDQELDEMPVSKRTLKIKQESSEEAQKRDTMQNIQVILESVQLKWELFQS
 WTDfSRLHLSNKLAIIFGIGYNTRWKEDIRYHYAEISSQVPLGKRLREYFNSEKPEGRIIMTRVQKMNWKN
 VYKFLFLEITISEARCLELHMEIDWIPAHSKPTGGNVVQYLLPGGIPKSPGLYAIGYEECIERPLSPDVE
 RHALDPGKEGRVDLETLSAQASLQVEVEPTRIIYCYLGIAEVRTLQQCLFLHFQANAKTFKEWVGINGF
 LSQNCIVDPGVSPKSIYIKFVEVERDFLSAGSLVECLEKAIGYPLKFNN

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC024479

ORF Size: 987 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC024479.1](#)

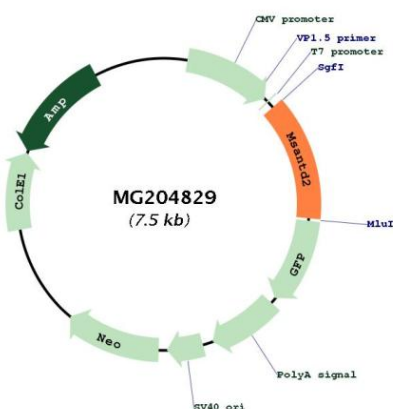
RefSeq Size: 1540 bp

RefSeq ORF: 989 bp

Locus ID: 235184

Cytogenetics: 9 A4

Product images:



Circular map for MG204829