

Product datasheet for **MG203188**

Btg4 (NM_019493) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Btg4 (NM_019493) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Btg4
Synonyms: C86116; PC3B
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MG203188 representing NM_019493
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGAGACGAAATTGCAACAGCAGTTTTTTTTGTCACAAGATTGGTGAAAAGCATGAGAACTGAGTA
CTCAACAGATAGAAACCTTTGCACTAAAGCTGATGACCATCTTGTTTAAAAAGTACAGAGGTCAGTGGCA
CCCTGACTGCCCTTCCAAGGGCAGGCTTTTAGGTGTATCAGGATAAACAACAATGAGAATAAAGACCCT
GTTTTAGAAAGGCTTGTGCTGAGAGTAATGTGAATTTTTTCATCTGGGACTTCCAAAGGAGATGACCA
TATGGTTCGATCCCTATGAGGTGTGCTGTAGGTATGGTGAGAAAAGCATCCCTTTACAATTGCTCTTT
TAAAGGTAGATGGGAGAACTGGGAGTTGGCTCAGCATGTGAGTGTGAGTAAACAGAGCCACGGGAGAC
TGCTCCTCTGGCACATCTTCTGATGAAGAAAGCTGCAGCAGGGAGGCCAGATCATCCCCAAAGTGAACA
ACCCAAAGAGCGTCTACCAGTTGAAAATTTCAAACAGTCATTGCAGCCGTGGTTCTGCCTCCCCGTAG
AAAGCATTGGCAGATGGTCGTGGTTCCCTCCCGGGGGCTGCTGCCACCCAGTGCCCAAGAGCTCTAAG
TGGTGCCGGCCAGCTTCGCGCAGGGTGGACAGATACTGGTCAACGCACAACACTGTTCAAGTGGTCAGA
CAGCACCAGGAGAGCTGGAGAAGAGGCTTGTCTTCCCAAAGCAAAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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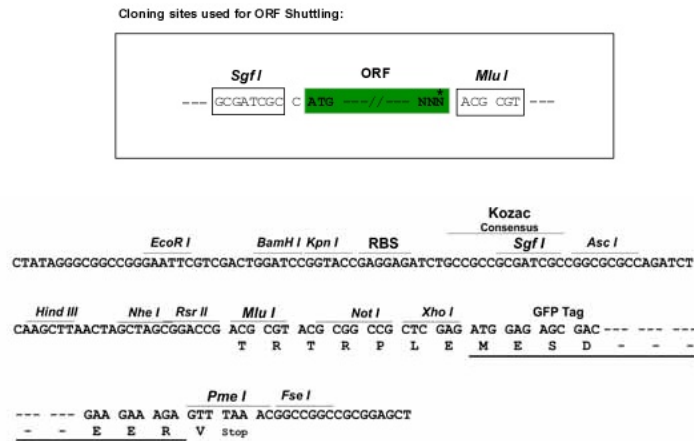
Protein Sequence: >MG203188 representing NM_019493
 Red=Cloning site Green=Tags(s)

MRDEIATAVFFVTRLVKKHEKLSLSTQIETFALKLMTILFEKYRGHWHPDCPSKGGQAFRCIRINNNENKDP
 VLERACAESNVNFFHLGLPKEMTIWVDPYEVCCRYGEKKHPFTIASFKGRWENWELAQHVSCAVNRATGD
 CSSGTSSDEESCSREAQIIPKVNNPKSVYQVENFKQSLQPWFCLPRRKHLDGRGFLPGAACHPVPKSSK
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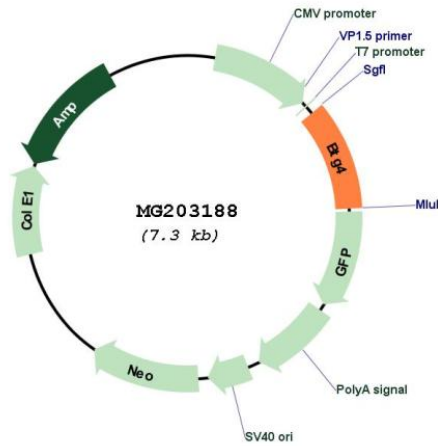
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019493

ORF Size: 750 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.
RefSeq:	NM_019493.2 , NP_062366.2
RefSeq Size:	1352 bp
RefSeq ORF:	753 bp
Locus ID:	56057
UniProt ID:	O70552
Gene Summary:	Shows marked antiproliferative activity, being able to induce G(1) arrest.[UniProtKB/Swiss-Prot Function]