

Product datasheet for **MG208203**

Etv5 (NM_023794) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv5 (NM_023794) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Etv5
Synonyms:	1110005E01Rik; 8430401F14Rik; ERM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208203 representing NM_023794
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATGGGTTTTGTGATCAGCAAGTCCCTTTTATGGTCCAGGAAATCTCGATCAGAGGACTGTCGAG
 GCGACCTTTGATTGACAGAAAGAGGAAGTTTGTGGACACAGATCTGGCTCACGATTCTGAAGAGTTGTT
 TCAGGATCTTAGCCAGCTGCAGGAGGCTTGTTAGCTGAAGCACAAAGTTCCTGATGATGAGCAGTTTGTC
 CCAGATTTTCAGTCTGATAAATTGGTGCTTCATGCTCCACCTCCCACCAAGATCAAACGGGAGCTGCACA
 GCCCTCTCCGAGTTGTCGCTCTGTAGCCACGAGCAGGCTCTTGGTGCTAAGTATGGAGAAAAGTGCCT
 CTACAATTATTGTGCTACGATAGGAAGCTCCCTCTGGGTTCAAGCCATTAACCCCGCCCGCCACTCCT
 CTGTCAACCACCCATCAGAATCCCTATTTCCCCACCTCAGGCAACTCTGCCACCTCAGGTCTCACCC
 CTGGAGCTGGCCAGTTCAAGGGGTGGTCTGCCCGACTCCTCACTCACTTCCAGAACCTGGATCACA
 GCAACAAACATTTGCGGTCCCCGGCCACCACATCAGCCCTGCAAATGCCAAAGATGATGCCTGAAAGC
 CAGTATCCATCAGAACAGAGATTTACGCGACAGCTGTCTGAGCCAGCCATCCCTTCCCTCCTCAGTCAG
 GAGTTCCTGGAGATAGTCGCCCCAGCTACCACCGCAGATGTCAGAGCCATTGTCCCCGAGCTCCGCC
 ACCCTTCAGGGATTAAGCAGGAATACCATGACCCACTGTATGAACATGGGGTCCCTGGGATGCCTGGT
 CCTCCAGCACATGGGTTCCAGTCACCCATGGGGATCAAGCAGGAGCCCCGAGATTACTGTGCTGACTCAG
 AAGTGCCTAACTGCCAGTCATCTACATGAGAGGGGGTATTTCTCCAGCAGCCATGAAGGATCCCCTGA
 TGAGAAGGACCCAGGCTGTACTTTGATGATACTTGCCTGGTACCCGAGAGACTGGAAGGCAAAGTCAAG
 CAGGAGCCACCATGTATCGAGAGGGGCTCCTTATCAGAGCAGGCTCTCTGCAGCTGTGGCAGTTCC
 TTGTCACCTCCTGGATGACCCAGCCAATGCCACTTTCATCGCCTGGACTGGCCGAGGATGGAATTTAA
 GCTCATAGAACCAGAGAGGTTGCTCGCCGTTGGGGTATCCAGAAGAATCGGCCAGCCATGAACTATGAC
 AAGCTGAGCCGCTCTCTCCGCTATTACTATGAAAAGGCATCATGCAGAAGGTGGCTGGGAACGCTACG
 TCTACAAATTTGTGTGACCCGGATGCACTCTTCTCTATGGCCTTCCCGGACAATCAGCGCCGTTCTCT
 GAAGGCAGAAATCCGAATGCCCTCAATGAGGAGGACACGCTGCCTCTGACTCACTTTGAAGACAACCTT
 GCTTACCTCCTGGACATGGATCGCTGCAGCAGCTCCCTACACCGAAGGCTTCGCTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208203 representing NM_023794
 Red=Cloning site Green=Tags(s)

MDGFCDQQVPMVPGKSRSEDCRGRPLIDRKRKFVDTDLAHDSEELFQDLSQLQEAWLAEAVPDDQFV
 PDFQSDNLVLAHPPPTKIKRELHSPSELSSCSHEQALGAKYGEKCLYNYCAYDRKPPSGFKLTPPATP
 LSPTHQNSLFPPPQATLPTSLTPGAGPVQGVGPAPTPHSLPEPGSQQTFVAVRPPHQPLQMPKMMPES
 QYPSEQRFRQLSEPSHPFPQSGVPGDSRPSYHRQMSEPIVPAAPPPLQGFQYHDPLYEHGVPMPG
 PPAHGFQSPMGIKQEPDYCADSEVPCQSSYMRGGYFSSSHEGFPYEKDPRLYFDDTCVPERLEGKVK
 QEPTMYREGPPYQRRGSLQLWQFLVTLDDPANAHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYD
 KLSRSLRYYYEKGIMQKVGERYVYKFCVDPDALFSMAFPDNRPFLLKAESECPLNEEDTLPLTHFEDNP
 AYLLDMDRCSSLPYTEGFAY

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_023794

ORF Size: 1530 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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).

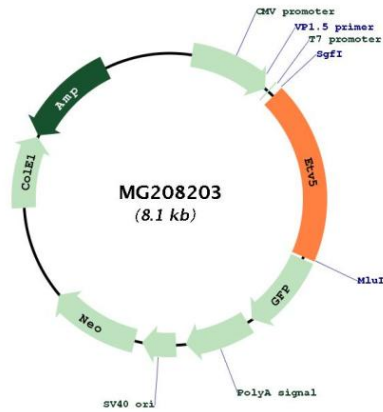
Reconstitution Method:

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: [NM_023794.2](#), [NP_076283.2](#)

RefSeq Size: 3847 bp
 RefSeq ORF: 1533 bp
 Locus ID: 104156
 UniProt ID: [Q9CXC9](#)
 Cytogenetics: 16 B1
 Gene Summary: Binds to DNA sequences containing the consensus nucleotide core sequence 5'-GGAA.-3'.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG208203