

## Product datasheet for **MG216258**

### Etv2 (NM\_007959) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Etv2 (NM\_007959) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Etv2  
**Synonyms:** Etsrp71  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG216258 representing NM\_007959  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACCTGTGGAAGTGGGATGAGGCGTCACTGCAGGAAGTGCCTCCTGGGGACAAGCTGACAGGACTGG  
 GAGCGGAATTTGGTTTCTATTTCCCTGAAGTGGCTCTACAAGAGGACACACCGATCACACCAATGAACGT  
 AGAAGGCTGCTGGAAAGGTTCCAGAGCTGGACTGGAACCCCGCTTACCTCACGAAGACGTACCTTTCC  
 CAGGCGGAGCCCCTTGTACCCCTTCCGTGGTCCGAGACTGGACAGACCTGGGATGCAACACCTCGG  
 ACCCGTGGAGCTGTGCTTACAGACGCCAGGCCCTGCCCTCCTGGCAGAGCCCCTCCCTTTCGTCGG  
 CTTTGAAGGGGCGACCGCCAGAATCCTGCCACCTCGGCAGGAGGGTCCCTCGTGGTCCGACCCCTCCA  
 GCTGCCTGGAGCACTACCAGCTGGGACTGTTCTGTGGGCCCAAGTGGCGCCACCTACTGGGACAATGGCC  
 TGGGCGGGGAAGCGCATGAGGACTATAAAATGTCATGGGGCGGGTCTGCCGGTTCGGACTACACCACCAC  
 GTGGAATACTGGGCTGCAGGACTGCAGCATCCCTTTCGAGGGGCACCAGAGTCCAGCATTACCACGCCC  
 TCCAAATCGAACAAGCAGTCTGATAGAGCCACATTGACTCGTACTCCAAAATAACCACCGAGGTCCCA  
 TTCAGCTGTGGCAATTCCTCCTGGAGCTGCTCCACGACGGGCTCGCAGCAGTGCATCCGCTGGACGGG  
 CAATAGCCGCGAGTTCAGCTGTGCGACCCAAAGAGGTGGCCCGGCTGTGGGGCGAGCGCAAGAGGAAG  
 CCGGGAATGAATTATGAGAACTGAGTCGAGGTCTACGTTATTATTACCGCCGCGACATCGTGCTCAAGA  
 GTGGTGGGCGCAAGTACACATACCGCTTCGGGGGACGTGTGCCTGTCTCGCCTATCAGGATGATATGGG  
 GCATCTGCCAGGTGCAGAAGGCCAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG216258 representing NM\_007959  
 Red=Cloning site Green=Tags(s)

```
MDLWNWDEASLQEVPVPGDKLTGLGAEFGFYFPEVALQEDTPIITPMNVEGCWKGFPELDWNPALPHEDVPPF
QAEPVAHPLPWSRDWDLGCNTSDPWSCASQTPGPAPPGTSPSPFVGFEGATGQNPATSAAGVPSWSHPP
AAWSTTSWDCSVGPSGATYWDNGLGGEAHEDYKMSWGGGSDYTTTWTGLQDCSIPFEGHQSPAFTTP
SKSNKQSDRATLTRYSKTNHRGPIQLWQFLELLHLDGARSSCIRWTGNSREFQLCDPKEVARLWGERKRRK
PGMNYEKL SRGLRYYYRRDIVLKS GGRKYTYRF GGRVPLAYQDDMGHLPGAEGQ
```

TRTRPLE - GFP Tag - V

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1404\\_a05.zip](https://cdn.origene.com/chromatograms/ja1404_a05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_007959

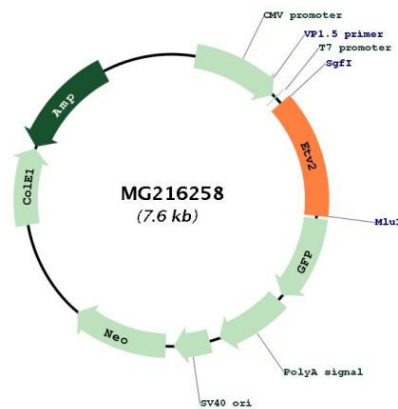
**ORF Size:** 1005 bp

**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](mailto: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:	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_007959.2</a> , <a href="#">NP_031985.2</a>
RefSeq Size:	1050 bp
RefSeq ORF:	1008 bp
Locus ID:	14008
UniProt ID:	<a href="#">P41163</a>
Cytogenetics:	7 B1
Gene Summary:	Binds to DNA sequences containing the consensus pentanucleotide 5'-CGGA[AT]-3'. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MG216258