

Product datasheet for **MG226743**

Etv1 (NM_001163154) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv1 (NM_001163154) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Etv1
Synonyms:	ER81; Etsrp81
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG226743 representing NM_001163154 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTCAAGATTTAAGTGCAGGCGTCTTCTCCCTCCTTGTTCAACACAGAACATTAGCTCAGGTAC
CTGACAATGATGAGCAGTTTGTCCAGACTATCAGGCTGAAAGTTTGGCTTTTCATGGCCTCCCACTGAA
AATCAAGAAAGAACCCACAGCCCATGTTCAAGACTCGGGTCTGCTTGCAGTCAAGAGCAGCCCTTTAA
TTCAGCTATGGAGAAAAGTGCCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGC
CCTCCAATCCCCGACACCATCCAGCACTCCAGTGTCCCACTACACCATGCATCTCCAAACACAGCTCA
TACTCCGAAACCTGACCGGGCTTCCAGCTCACCTCCCTCCTTCTCAGTCCATACCAGACAGCACCTAC
CCCATGGACCACAGATTTGCGCGCCAGCTTTCTGAACCTGTAATTCTTTTCTCCTCTTTGCCGACATGC
CAAGGGAAGGGCGTCTATGTACCAACGCCAGATGTCTGAGCCAAACATCCCTTCCCACCACAAGGCTT
TAAGCAGGAGTACCACGACCCAGTCTATGAACATACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTC
CCCCCTCCTTTGATGATCAACAGGAACCCAGAGATTTGCATATGACTCAGAAGTGCCTAGCTGCCACT
CCATTTATATGAGGCAAGAAGGCTTCTGGCTCATCCAAGCAGAACAGAGGCTGCATGTTTGAGAAGGG
TCCCAGGCAGTTCTATGATGACACCTGTGTGGTCCCGGAGAAGTTCGATGGGACATTAAAGCAAGAGCCT
GGAATGTACCGGAAGGACCCACGTACCAGAGGCGAGGATCCCTCCAGCTCTGGCAGTTTTTGGTAGCTC
TTCTGGATGACCCTTCAAATTCTCATTTCATTGCCTGGACTGGACGAGGCATGGAATTTAACTGATTGA
GCCCCAAGAGGTGGCCCGCGCTTGGGGCATTGAGAAGAAGAGCCGCGATGAATATGACAAACTTAGT
CGTTCTCTCGCTATTATTATGAGAAGGAATCATGCAAAGGTGGCTGGAGAAAGATACGTGTACAAAT
TTGTGTGTGACCCGGAAGCCCTTTTCTCTATGGCCTTTCCGATAACCAGCGCCCACTGCTGAAGACGGA
CATGGAACGTACATCAACGAAGAGGACACAGTGCCTCTGTCTCACTTTGATGAGAGCATGACCTACATG
CCCGAAGGGGGCTGCTGCAACCTCACCCCTACAACGAAGGATACGTGTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >MG226743 representing NM_001163154
 Red=Cloning site Green=Tags(s)

MLQDL SAGVF FPPCSQHRTLAQVPDNEQFVPDYQAESLAFHGLPLKIKKEPHSPCSELGSACSQEPPFK
 FSYGEKCLYNVSAYDQKPQVGMPSNPPTPSSTPV SPLHASPNTAHTPKPDRAFAHLPPSQSIPDSTY
 PMDHRFRRLQLEPCNSFPPLPTMPREGRPYQRMSEPNIFFPQGFKQEYHDPVYEHTTMVGGASQSF
 PPPLMIKQEP RDFAYDSEVP SCHSIYMRQEGFLAHP SRTEGCMFEKGPRQFYDDTCVVPEKFDGDIKQEP
 GMYREGPTYQRRGSLQLWQFLVALLDDPSNSHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYDKLS
 RSLRYYYEKGIMQKVAGERYVYKFVCDPEALFSMAFPDNQRPLLKTDMERHINEEDTVPLSHFDESMTYM
 PEGGCCNPHPYNEGYVY

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001163154

ORF Size: 1311 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: NM_001163154.1, NP_001156626.1

RefSeq Size: 3806 bp

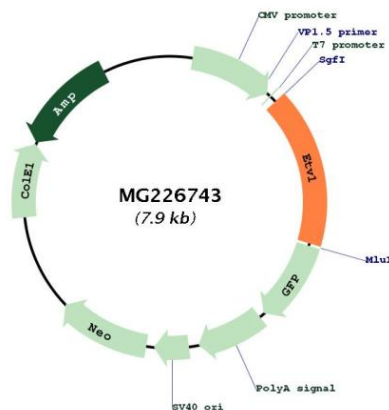
RefSeq ORF: 1314 bp

Locus ID: 14009

Cytogenetics: 12 17.99 cM

Gene Summary: Transcriptional activator that binds to DNA sequences containing the consensus pentanucleotide 5'-CGGA[AT]-3'. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG226743