

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**

ATGCTTCAAGATTTAAGTGCAGGCGTCTTCTCCCTCCTTGTTCCACAACACAGAACATTAGCTCAGGTAC
CTGACAATGATGAGCAGTTTGTCCAGACTATCAGGCTGAAAGTTTGGCTTTTCATGGCCTCCCCTGAA
AATCAAGAAAGAACCCACAGCCCATGTTCCAGAACTCGGGTCTGCTTGCAGTCAAGAGCAGCCCTTTAAA
TTCAGCTATGGAGAAAAGTGCCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGC
CCTCCAATCCCCGACACCATCCAGCACTCCAGTGTCCCACTACACCATGCATCTCCAACACAGCTCA
TACTCCGAAACCTGACCGGGCCTTCCAGCTCACCTCCCTCCTTCTCAGTCCATACCAGACAGCACCTAC
CCCATGGACCACAGATTTGCGCCGAGCTTCTGAACCTGTAATTCTTTTCTCCTTTTGGCCGACAATGC
CAAGGGAAGGGCGTCTATGTACCAACGCCAGATGTCTGAGCCAAACATCCCCTTCCCACCAAGGCTT
TAAGCAGGAGTACCACGACCCAGTCTATGAACATACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTC
CCCCCTCCTTTGATGATCAAACAGGAACCCAGAGATTTTGCATATGACTCAGAAGTGCCTAGCTGCCACT
CCATTTATATGAGGCAAGAAGGCTTCTGGCTCATCCAAGCAGAACAGAAGGCTGCATGTTTGAGAAGGG
TCCCAGGCAGTTCTATGATGACACCTGTGTGGTCCCGGAGAAGTTCGATGGGACATTAAGCAAGAGCCT
GGAATGTACCGGAAGGACCCACGTACCAGAGGCGAGGATCCCTCCAGCTCTGGCAGTTTTTGGTAGCTC
TTCTGGATGACCCTTCAAATTCATTTCATTGCCTGGACTGGACGAGGCATGGAATTTAACTGATTGA
GCCCAAGAGGTGGCCCGCGTGGGGCATTGAGAAGAACAGGCCGCGATGAACTATGACAAACTAGT
CGTTCTCTCCGCTATTATTATGAGAAGGAATCATGCAAAGGTGGCTGGAGAAAGATACGTGTACAAAT
TTGTGTGTGACCCGGAAGCCCTTTCTCTATGGCCTTCCGGATAACCAGCGCCCACTGTGAAGACGGA
CATGGAACGTACATCAACGAAGAGGACACAGTGCCTCTGTCTCACTTTGATGAGAGCATGACCTACATG
CCCGAAGGGGCTGCTGCAACCTCACCCCTACAACGAAGGATACGTGTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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

MLQDL SAGVFFPPCSQHR TLAQVPDNDEQFVPDYQAESLAFHGLPLKIKKEPHSPCSELGSACSQEPPFK
 FSYGEKCLYNVSAYDQKPQVGM RPSNPPTPSSTPV SPLHASPNTAHTPKPDRAFP AHPSPQSIPDSTY
 PMDHRFRRLQLSEPCNSFPPLPTMPREGRPMYQRQMSEPNIPFPQGFKQ EYHDPVVEHTTMVGG AASQSF
 PPPLMIKQEPRDFAYDSEVP SCHSIYMRQEGFLAHP SRTEGCMFEKGPRQFYDDT CVVPEKFDGDIKQEP
 GMYREGPTYQRRGSLQLWQFLVALLDDPSNSHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYDKLS
 RSLRYYYEKGIMQKVAGERYVYK FVCDPEALFSMAFPDNQRPL LKTDMERHINEEDTVPLSHFDESMTYM
 PEGGCCNPHPYNEGYVY

TRTRPLE - GFP Tag - V

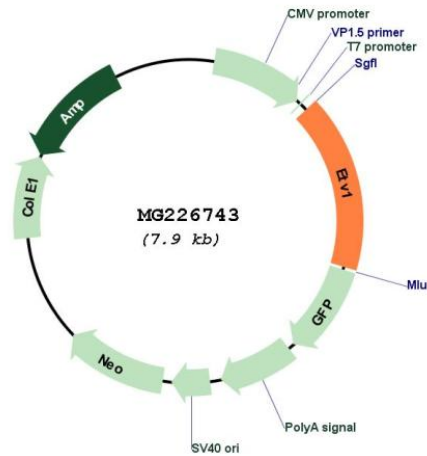
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



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:	<ol style="list-style-type: none">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_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]