

Product datasheet for **MG227352**

Etv1 (NM_007960) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv1 (NM_007960) 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)



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ORF Nucleotide Sequence:

>MG227352 representing NM_007960
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGGATTTTATGACCAGCAAGTGCCTTACGTGGTCAACACAGTCAGCGTGGGAGAACTGTACCG
 AGAAACCAACAAATGTCAGGAAAAGAAAATTCATTAACAGAGATCTGGCTCATGATTGAGAAGAACTCTT
 TCAAGATCTGAGTCAGTTACAAGAAACATGGCTTCTGTAAGCTCAGGTACCTGACAATGATGAGCAGTTT
 GTTCCAGACTATCAGGCTGAAAGTTTGGCTTTTCATGGCCTCCCCTGAAAATCAAGAAAGAACCCACACA
 GCCCATGTTCAGAACTCGGGTCTGCTTGCAGTCAAGAGCAGCCCTTTAAATTCAGCTATGGAGAAAAGTG
 CCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGCCCTCCAATCCCCGACACCA
 TCCAGCACTCCAGTGTCCCCTACACCATGCATCTCAAACACAGCTCATACTCCGAAACCTGACCGGG
 CCTTCCCAGCTCACCTCCCTCCTTCTCAGTCCATACCAGACAGCACCTACCCCATGGACCACAGATTTCCG
 CCGCCAGCTTTTGAACCCTGTAATTCCTTTCTCCTTTGCCGACAATGCCAAGGGAAGGGCGTCTATG
 TACCAACGCCAGATGTCTGAGCCAAACATCCCCTTCCCACCACAAGGCTTTAAGCAGGAGTACCACGACC
 CAGTCTATGAACATACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTCCCCCTCCTTTGATGATCAA
 ACAGGAACCCAGAGATTTTGCATATGACTCAGAAGTGCCTAGCTGCCACTCCATTTATATGAGGCAAGAA
 GGCTTCTGGCTCATCCAAGCAGAACAGAAGGCTGCATGTTTGAGAAGGGTCCCAGGCAGTTCTATGATG
 ACACCTGTGTGGTCCCGGAGAAGTTCGATGGGGACATTAAGCAAGAGCCTGGAATGTACCGGGAAGGACC
 CACGTACCAGAGGCGAGGATCCCTCCAGCTCTGGCAGTTTTTGGTAGCTCTTCTGGATGACCCCTCAAA
 TCTCATTTCATTGCCTGGACTGGACGAGGCATGGAATTTAAACTGATTGAGCCCGAAGAGGTGCCCGGC
 GTTGGGGCATTGAGAAGAACAGGCCGGCGATGAACTATGACAACTTAGTCGTTCTCCGCTATTATTA
 TGAGAAGGGAATCATGCAAAAGGTGGCTGGAGAAAGATACGTGTACAAATTTGTGTGTGACCCGGGAAGCC
 CTTTTCTCTATGGCCTTCCGGATAACAGCGCCCACTGCTGAAGACGGACATGGAACGTACATCAACG
 AAGAGGACACAGTGCCTCTGTCTCACTTTGATGAGAGCATGACCTACATGCCCGAAGGGGCTGCTGCAA
 CCCTCACCCCTACAACGAAGGATACGTGTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG227352 representing NM_007960
 Red=Cloning site Green=Tags(s)

MDGFYDQVPYVVTNSQRGRNCTEKPTNVRKRKFINRDLAHDSEELFQDLSQLQETWLAEAQVDPNDEQF
 VPDYQAESLAFHGLPLKIKKEPHSPCSELGSACSQEQPFKFSYGEKCLYNVSAYDQKPQVGMRPSNPPTP
 SSTPVSPLHHASPNTAHTPKPDRAFPAPHLPPSQSIPDSTYPMDFRFRRLSEPCNSFPPLPTMPREGPRM
 YQRQMSEPNIPFPQGFKEHYHDPVYEHTTMVGGAAASQSFPPPLMIKQEPDFAYDSEVPSCHSIYMRQE
 GFLAHPSTRTEGCMFEKGRQFYDDTCVVPKFDGDIKQEPGMYREGPTYQRRGSLQLWQFLVALLDDPSN
 SHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYDKLSRSLRYYYEKIMQKVAGERYYYKFCVCDPEA
 LFSMAFPDNQRPLLKTDMERHINEEDTVPLSHFDESMTYMEGGCCNPHPYNEGYYV

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_007960

ORF Size: 1431 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.

RefSeq: [NM_007960.5](#)

RefSeq Size: 4146 bp

RefSeq ORF: 1434 bp

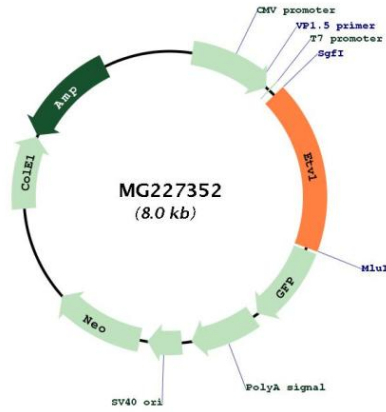
Locus ID: 14009

UniProt ID: [P41164](#)

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 MG227352