

Product datasheet for **MR227352**

Etv1 (NM_007960) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv1 (NM_007960) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Etv1
Synonyms:	ER81; Etsrp81
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>MR227352 representing NM_007960
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGGATTTTATGACCAGCAAGTGCCTTACGTGGTCAACACAGTCAGCGTGGGAGAACTGTACCG
 AGAAACCAACAAATGTCAGGAAAAGAAAATTCATTAACAGAGATCTGGCTCATGATTGAGAACTCTT
 TCAAGATCTGAGTCAGTTACAAGAAACATGGCTTCTGTAAGCTCAGGTACCTGACAATGATGAGCAGTTT
 GTTCCAGACTATCAGGCTGAAAGTTTGGCTTTTCATGGCCTCCCACTGAAAATCAAGAAAGAACCCACA
 GCCCATGTTGAGAACTCGGGTCTGCTTGCAGTCAAGAGCAGCCCTTTAAATTCAGCTATGGAGAAAAGTG
 CCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGCCCTCCAATCCCCGACACCA
 TCCAGCACTCCAGTGTCCCACTACACCATGCATCTCAAACACAGCTCATACTCCGAAACCTGACCGGG
 CCTTCCAGCTCACCTCCCTCCTTCTCAGTCCATACCAGACAGCACCTACCCATGGACCACAGATTTCCG
 CCGCCAGCTTTTGAACCCTGTAATTCCTTCTCCTTTGCCGACAATGCCAAGGGAAGGGCGTCTATG
 TACCAACGCCAGATGCTGAGCCAAACATCCCCTTCCCACCACAAGGCTTTAAGCAGGAGTACCACGACC
 CAGTCTATGAACATACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTCCCCCTCCTTTGATGATCAA
 ACAGGAACCCAGAGATTTTGCATATGACTCAGAAGTGCCTAGCTGCCACTCCATTTATATGAGGCAAGAA
 GGCTTCTGGCTCATCCAAGCAGAACAGAAGGCTGCATGTTTGAGAAGGGTCCCAGGCAGTTCTATGATG
 ACACCTGTGTGGTCCCGGAGAAGTTCGATGGGGACATTAAGCAAGAGCCTGGAATGTACCGGGAAGGACC
 CACGTACCAGAGGCGAGGATCCCTCCAGCTCTGGCAGTTTTTGGTAGCTCTTCTGGATGACCCCTCAAA
 TCTCATTTTCCTGGACTGGACGAGGCATGGAATTTAACTGATTGAGCCGAAGAGGTGGCCCGGC
 GTTGGGCAATTCAGAAGAACAGCCGGCGATGAACATGACAACTTAGTCGTTCTCTCCGCTATTATTA
 TGAGAAGGGAATCATGCAAAAGGTGGCTGGAGAAAGATACGTGTACAAATTTGTGTGACCCGGAGCC
 CTTTTCTATGGCCTTCCGGATAACAGCGCCCACTGCTGAAGACGGACATGGAACGTACATCAACG
 AAGAGGACACAGTGCCTCTGTCTCACTTTGATGAGAGCATGACCTACATGCCCGAAGGGGCTGCTGCAA
 CCCTACCCCTACAACGAAGGATACGTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR227352 representing NM_007960
 Red=Cloning site Green=Tags(s)

MDGFYDQQVPYVVTNSQRGRNCTEKPTNVRKRKF INRDLAHDSEELFQDLSQLQETWLAEAVPDNDEQF
 VPDYQAE SLAFHGLPLKIKKEPHSPCSELGSACSQEQPFKFSYGEKCLYNVSAYDQKPKQVGMRPSNPPTP
 SSTPV SPLH HASPNTAHTPKPDRAFP AHLPPSQSIPDSTYPMDFRFRRLSEPCNSFPPLPTMPREGRPM
 YQRQMSEPNIPFPQGFKEHYHDPVYEHTTMVGGAAASQSFPPPLMIKQEPDFAYDSEVP SCHSIYMRQE
 GFLAHP SRTEGCMFEKGP RQFYDDTCV VPEKFDGDIKQEPGMYREGPTYQRRGSLQLWQFLVALLDDPSN
 SHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYDKLSRSLRYYYEKGIMQKVAGERYVYK FVCDPEA
 LFSMAFPDNQRPLLKTDMERHINEEDTVPLSHFDESMTYMEPEGCCNPHPYNEGYVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

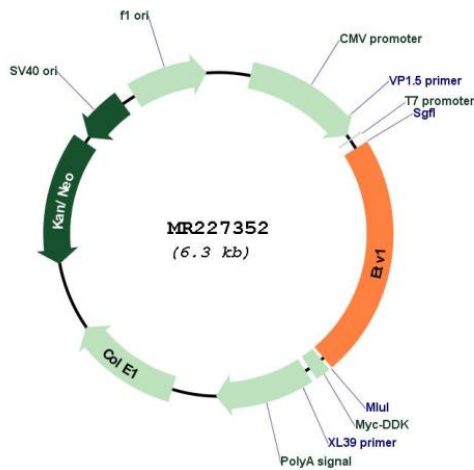
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



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

MW: 55.5 kDa

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