

Product datasheet for **MR226743**

Etv1 (NM_001163154) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv1 (NM_001163154) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Etv1
Synonyms:	ER81; Etsrp81
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR226743 representing NM_001163154
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTTCAAGATTTAAGTGCAGGCGTCTTCTCCCTCCTTGTTCAACAACACAGAACATTAGCTCAGGTAC
CTGACAATGATGAGCAGTTTGTCCAGACTATCAGGCTGAAAGTTTGGCTTTTCATGGCCTCCCCTGAA
AATCAAGAAAGAACCCACAGCCATGTTCAAGACTCGGGTCTGCTTGCAGTCAAGAGCAGCCCTTTAAA
TTCAGCTATGGAGAAAAGTGCCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGC
CCTCCAATCCCCGACACCATCCAGCACTCCAGTGTCCCCACTACCCATGCATCTCCAAACACAGCTCA
TACTCCGAAACCTGACCGGGCTTCCCAGCTCACCTCCCTCCTTCTCAGTCCATACCAGACAGCACCTAC
CCCATGGACCACAGATTCGCCGCCAGCTTTCTGAACCCTGTAATCTTTTCTCCTTTGCCGACAATGC
CAAGGGAAGGGCGTCTATGTACCAACGCCAGATGTCTGAGCCAAACATCCCCTTCCCACCACAAGGCTT
TAAGCAGGAGTACCACGACCCAGTCTATGAACATACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTC
CCCCCTCCTTTGATGATCAAACAGGAACCCAGAGATTTTGCATATGACTCAGAAGTGCCTAGCTGCCACT
CCATTTATATGAGGCAAGAAGGCTTCTGGCTCATCCAAGCAGAACAGAAGGCTGCATGTTTGAGAAGGG
TCCCAGGCAGTTCTATGATGACACCTGTGTGGTCCCGGAGAAGTTCGATGGGGACATTAAGCAAGAGCCT
GGAATGTACCGGGAAGGACCCACGTACCAGAGGCGAGGATCCCTCCAGCTCTGGCAGTTTTTGGTAGCTC
TTCTGGATGACCTTCAAATTTCTATTTTCTGCTGGACTGGACGAGGCATGGAATTTAAACTGATTGA
GCCCGAAGAGGTGGCCCGCGTGGGGCATTGAGAAGAACAGGCCGCGATGAACATGACAAACTTAGT
CGTTCTCTCCGCTATTATTATGAGAAGGGAATCATGCAAAAGGTGGCTGGAGAAAGATACGTGTACAAAT
TTGTGTGTGACCCGGAAGCCCTTTCTCTATGGCCTTTCCGGATAACCAGCGCCACTGCTGAAGACGGA
CATGGAACGTACATCAACGAAGAGGACACAGTGCCTCTGTCTCACTTTGATGAGAGCATGACCTACATG
CCCGAAGGGGCTGCTGCAACCCTCACCCCTAACGAAGGATACGTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226743 representing NM_001163154
Red=Cloning site Green=Tags(s)

MLQDLSAGVFFPPCSQHRTLAQVPDNEQFVPDYQAESLAFHGLPLKIKKEPHSPCSELGSACSQEPPFK
FSYGEKCLYNVSAYDQKPQVGMRPSNPPTSPSTPVSPHASPNTAHTPKPDRAFPAPHLPPSQSIPDSTY
PMDHRFRRLSEPCNSFPPLPTMPREGRPYQRMSEPNIFFPPQGFQYHDPVYEHTTMVGGAAASQSF
PPPLMIKQEPDFAYDSEVPSCHSIYMRQEGFLAHPSTRTEGCMFEKGPRQFYDDTCVVPEKFDGDIKQEP
GMYREGPTYQRRGSLQLWQFLVALLDDPSNSHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYDKLS
RSLRYYYEKGIMQKVAGERYVYKFVCDPEALFSMAFPDNQRPLKTDMERHINEEDTVPLSHFDESMTYM
PEGGCCNPHPYNEGYVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9033_a11.zip

Restriction Sites:

Sgfl-Mlul

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.

RefSeq: [NM_001163154.1](#), [NP_001156626.1](#)

RefSeq Size: 3806 bp

RefSeq ORF: 1314 bp

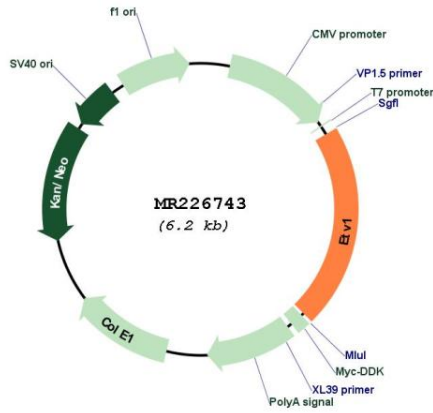
Locus ID: 14009

Cytogenetics: 12 17.99 cM

MW: 50.6 kDa

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 MR226743