

Product datasheet for **RR216758**

Etv1 (NM_001163156) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv1 (NM_001163156) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Etv1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR216758 representing NM_001163156
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATGGATTTTATGACCAGCAAGTGCCTTACGTGGTCAACACAGTCAGCGTGGGAGAACTGTACCG
 AGAAACCAACAAATGTCAGGAAAAGAAAATTCATTAACAGAGATCTGGCTCATGATTGAGAAACTCTT
 TCAAGATCTGAGTCAGTTACAAGAAACATGGCTTCTGTAAGCTCAGGTACCTGACAATGATGAGCAGTTT
 GTGCCAGACTATCAGGCCGAAAGTTGGCTTTTCATGGCCTACCACTGAAAATCAAGAAAGAACCCACA
 GCCCATGTTGAGAACTCGGGTCTGCTTGCAGCCAAGAGCAGCCCTTAAATTCAGCTATGGAGAAAAGTG
 CCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGCCCTCCAATCCCCAACACCA
 TCCAGCACTCCAGTGTCCCCTACATCATGCATCTCAAACACAGCTCATACTCCGAAACCTGACCGGG
 CCTTCCCAGCTCACCTCCCGCTTCCCAGTCCATACCAGACAGCACCTACCCCATGGACCACAGATTTCCG
 CCGCCAGCTTTTGAACCCTGTAACCTTTCCCTCCTTTGCCAACATGCCAAGGAAGGGCGTCTCATG
 TACCAACGCCAGATGCTGAGCCAAACATCCCCTTCCCACCACAAGGCTTCAAGCAGGAGTACCACGACC
 CAGTCTATGAACATAACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTTCCCTCCTTTGATGATCAA
 ACAGGAACCCAGAGACTTTGCATATGATTGAGAAGTGCCTAGCTGCCACTCCATTTATATGAGGCAAGAA
 AGCTTCTGGCTCATCCAAGCAGAACAGAAGGCTGCATGTTTGAGAAGGGTCCCAGGCAGTTCTATGATG
 ACACCTGTGTCGTCGCGGAGAAGTTCGATGGGGACATTAAGCAAGAGCCAGGAATGTACCGGAAGGTCC
 CACGTACCAGAGGCGAGGATCGCTTCCAGCTCTGGCAGTTTCTGGTAGCTTTCTGGATGACCCCTTCAAT
 TCTCATTTTATTGCCTGGACTGGGCGAGGCATGGAATTTAACTGATTGAGCCTGAAGAGGTGCCCGGAC
 GTTGGGGCATTGAGAAGAACAGCCAGCTATGAACATGACAACTTAGCCGTTCTCTCCGCTATTATTA
 TGAGAAGGGAATCATGCAAAAGGTGGCTGAGAAAGATATGTCTACAAATTTGTGTGTGACCCGGAAGCC
 CTTTTCTCCATGGCCTTTCCGGATAATCAGCGCCCTGCTGAAGACGGACATGGAACGTACATCAACG
 AAGAGGACACGGTGCCCTGTCTCACTTTGATGAGAGCATGACCTACATGCCAGAAGGGGCTGCTGCAA
 CCCCCACCTTACAACGAAGGATACGTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216758 representing NM_001163156
 Red=Cloning site Green=Tags(s)

MDGFYDQQVPPYVVTNSQRGRNCTEKPTNVRKRKFINRDLAHDSEELFQDLSQLQETWLAEAQVPDNDEQF
 VPDYQAESLAFHGLPLKIKKEPHSPCSELSACSQEQPFKFSYGEKCLYNVSAYDQKQPQVGMRPSNPPTP
 SSTPVSPLHHASPNTAHTPKPDRAFPALHPPSQSIPDSTYPMDFRFRRLSEPCNSFPPLPTMPREGPRM
 YQRQMSEPNIPIFPQGFKEHYHDPVYEHTTMVGGAAASQSFPPPLMIKQEPDFAYDSEVPSCHSIYMRQE
 SFLAHPSTRTEGCMFEKGRQFYDDTCVVPEKFDGDIKQEPGMYREGPTYQRRGSLQLWQFLVALLDDPSN
 SHFIAWTGRGMEFKLIEPEEVARRWGIQKNRPAMNYDKLSRSLRYYYEKIMQKVAGERYVYKFCVDEPA
 LFSMAFPDNRPLLKTDMERHINEEDTVPLSHFDESMTYMEGGCCNPHPYNEGYYV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

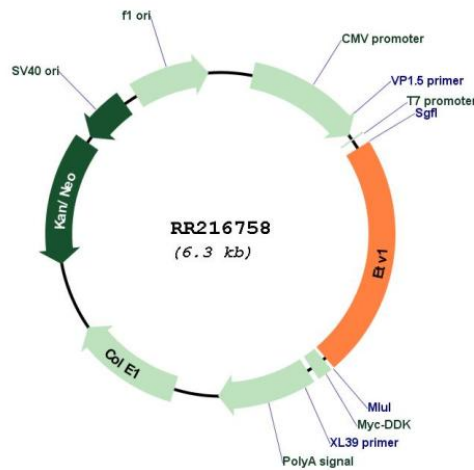
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001163156

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_001163156.3](#), [NP_001156628.1](#)

RefSeq Size: 6792 bp

RefSeq ORF: 1434 bp

Locus ID: 362733

Cytogenetics: 6q21

MW: 55.1 kDa