

Product datasheet for **RR215193**

Etv6 (NM_001037353) Rat Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Etv6 (NM_001037353) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Etv6 |
| Synonyms: | MGC124677 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

ORF Nucleotide Sequence:

>RR215193 representing NM_001037353
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTGAGACTCCTGCTCAGTGTAGCATTAAAGCAGGAACGGATTCATCTACACCCCCAGAGAGCCAG
 TGGCGAGCTACGGTCCCTCGACTCCACTTCATGTTCCAGTGCCTCGGGCGCTCAGGATGGAGGAAGACTC
 GATCCACCTGCCAGCACCTGCGTTTGCAGCCATTTACTGGAGCCGAGATGACGTAGCCAGTGGCTC
 AAATGGGCAGAAAATGAGTTTTCTTAAGGCCATCGAGAGCAACACATTCGAAATGAATGGCAAGGCC
 TGCTGCTGCTGACCAAAGAGGATTTCCGCTACCGATCTCCTATTAGGGGATGTGCTCTATGAACCTCT
 TCAGCATATCCTGAAGCAGAGGAAGCCTCGAATTCTTCTCACCATTCTCCACCCTGGAACTCTATC
 CACACCAAGCCAGAGTCTACTGCATCAGAACCATGAAGAAGATAATTGTGTCCAGAGGACGCCAGGA
 CGCCAGCGGAGAGCCTGCACCACAACCTCCCACTATTGAACCTTACATCGCCCCAGGTACCCATCAC
 CACAAACCACAGGCCTTCTCCGGACCCAGAGCAGCAGCGGCCCTGCGGTCCCCCTGGACAACATGATC
 CGCCGCTCTCGCTGCAGAGAGAGCCAGGGGCAAGGCTACAGCAGGAAAACAACCACCAGGAATCCT
 ACCCCCTGTCAAGTGTCTCTATGGAGAATAATCACTGCCACCGTCTCGGAGTCCAACCCGAAGCCCTC
 AAGCCCTGGCAGGAGACACAGAGTGTCCAGCTGATGCTAGCCCCATCATGACCCCTTGATCCTG
 AACCCCGGCACTCGGTAGATTTCAAACAGTCCCGAATCTCTGAAGATGGGATGCATCGGAAGGGAAGC
 CCATCAACCTGTCTACCGAGAGGACCTGGCTTACATGAACCACATCATGGTCTCTGTGTCCCACCCGA
 AGAGCACGCCATGCCATTGGAAGAATAGCAGACTGTAGACTGCTTTGGGATTACGTCTACCAGTTGCTC
 TCTGACAGCCGGTACGAAAATTCATCCGATGGGAGGACAAGGAATCCAAAATATTCGGATAGTGGATC
 CCAACGGACTGGCTCGACTCTGGGAAACCATAAGAATAGGACAACATGACCTATGAGAAAATGTCCAG
 AGCTCTCCGTCACACTACAAAATAACATCATCAGGAAGGAGCCCGGACAAAGGCTTTTGTTCAGGTTT
 ATGAAAACCCCGATGAGATCATGAGTGGCCGGACAGACCGTCTAGAACCCTCGAGTCTCAGGAGCTGG
 ATGAACAAGCGTACCAAGAGGATGAATGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR215193 representing NM_001037353
 Red=Cloning site Green=Tags(s)

MSETPAQCSIKQERISSTPPESPVASYPSTPLHVPVPRALRMEEDSIHLPAHLRLQPIYWSRDDVAQWL
 KWAENEFSLRPIESNTFEMNGKALLLLTKEDFRYRSPHSGDVL YELLQHILKQRKPRILFSPFFHPGNSI
 HTKPEVLLHQNHEDNCVQRTPRTPAESLHNPPTIELLHRPRSPITTNHRSPDPEQQRPLRSPLDNMI
 RRLSPAERAQGPRLQENNHQESYPLSVSPMENNHCPPSESNPKPSSPWQESTRVIQLMPSPIMHPLIL
 NPRHSVDFKQSRISEDGMHREGKPINLSHREDLAYMNHIMVSVSPPEEHAMPIGRADCRLLWDVYVYQLL
 SDSRYENFIRWEDKESKIFRIDPNGLARLWGNHKNRTNMTYEKMSRALRHYYKLNIIIRKEPGQRLFRF
 MKTPDEIMSGRTDRLHLESQELDEQAYQEDEC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

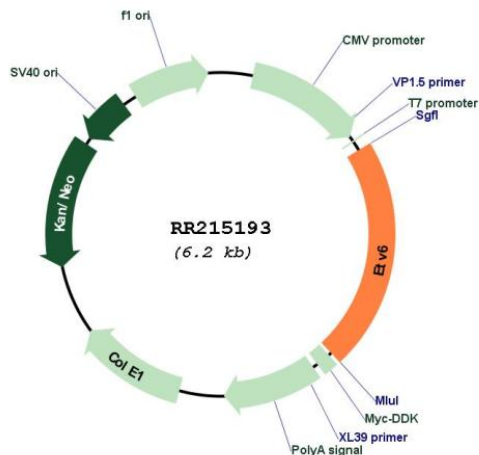
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037353

ORF Size: 1359 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_001037353.1](#), [NP_001032430.1](#)

RefSeq Size: 1900 bp

RefSeq ORF: 1362 bp

Locus ID: 312777

Cytogenetics: 4q43

MW: 53 kDa