

## Product datasheet for **RR212447**

### Etv1 (NM\_001108709) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Etv1 (NM_001108709) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Etv1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212447 representing NM_001108709 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATGGATTTTATGACCAGCAAGTGCCTTACGTGGTCACCAACAGTCAGCGTGGGAGAACTGTACCC  
AGAAACCAACAAATGTCAGGAAAAGAAAATTCATTAACAGAGATCTGGCTCATGATTCAGAAGAATCTTT  
TCAAGATCTGAGTCAGTTACAAGAAACATGGCTTGCTGAAGCTCAGGTACCTGACAATGATGAGCAGTTT  
GTGCCAGACTATCAGGCCGAAAGTTTGGCTTTTCATGGCCTACCACTGAAAATCAAGAAAGAACCCACAC  
GCCCATGTTTCAGAACTCGGGTCTGCTTGACGCCAAGAGCAGCCCTTAAATTCAGCTATGGAGAAAAGTG  
CCTGTACAATGTCAGTGCCTATGATCAGAAGCCACAAGTGGGAATGAGGCCCTCCAATCCCCAACACCA  
TCCAGCACTCCAGTGTCCCACTACATCATGCATCTCAAACACAGCTCATACTCCGAAACCTGACCGGG  
CCTTCCCAGTCCCTCCCGCTTCCCAGTCCATACCAGACAGCACCTACCCATGGACCACAGATTTTCG  
CCGCCAGCTTTCTGAACCCTGAACTCTTCCCTCCTTTGCCAACATGCCAAGGGAAGGGCGTCTATG  
TACCAACGCCAGATGTCTGAGCCAAACATCCCCTTCCCACCACAAGGCTTCAAGCAGGAGTACCACGACC  
CAGTCTATGAACATACCACCATGGTTGGCGGTGCAGCCAGCCAAAGCTTCCCCCTCCTTTGATGATCAA  
ACAGGAACCCAGAGACTTTGCATATGATTCAGGCTGCATGTTTGAGAAGGTCAGGAGGATTTATGAT  
GACACCTGTGTCGTCGCCGAGAAGTTTCGATGGGACATTAAGCAAGAGCCAGGAATGTACCGGGAAGGTC  
CCACGTACCAGAGGCGAGGATCGCTTACGCTCTGGCAGTTTCTGGTAGCTCTTCTGGATGACCCCTCAA  
TTCTCATTTTTATTGCCTGGACTGGGCGAGGCATGGAATTTAACTGATTGAGCCTGAAGAGGTGGCCCGA  
CGTTGGGGCATTGAGAAGAACAGGCCAGCTATGAACTATGACAACTTAGCCGTTCTCTCCGCTATTATT  
ATGAGAAGGGAATCATGCAAAAGGTGGCTGGAGAAAGATATGTCTACAAATTTGTGTGTACCCGGGAAGC  
CCTTTTCTCCATGGCCTTCCGGATAATCAGCGCCCCCTGCTGAAGACGGACATGGAACGTCACATCAAC  
GAAGAGGACACGGTCCCCTGTCTCACTTTGATGAGAGCATGACCTACATGCCAGAAGGGGGCTGCTGCA  
ACCCCCACCTTACAACGAAGGATACGTGTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR212447 representing NM\_001108709  
Red=Cloning site Green=Tags(s)

MDGFYDQQVPYVVTNSQRGRNCTEKPTNVRKRKFINRDLAHDSEELFQDLSQLQETWLAEAQVPDNEQF  
 VPDYQAE SLAFHGLPLKIKKEPHSPCSELGSACSQEQPFKFSYGEKCLYNVSAYDQKPQVGMRPSNPPTP  
 SSTPV SPLHHASPNTAHTPKPDRAFFPAHLPPSQSIPDSTYPMDFRFRRLSEPCNSFPPLPTMPREGRPM  
 YQRQMSEPNIPFPQGFQKEYHDPVYEHTTMVGGAAASQSFPPPLMIKQEPDRDFAYDSGCMFEKGRQFYD  
 DTCVVPEKFDGDIKQEPGMYREGPTYQRRGSLQLWQFLVALLDDPSNSHFIAWTGRGMEFKLIEPEEVAR  
 RWGIQKNRPAMNYDKLSRSLRYYYEKGIMQKVAGERYVYKFCVCDPEALFSMAFPDNQRPLLKTDMERHIN  
 EEDTVPLSHFDESMTYMEGGCCNPHPYNEGYVY

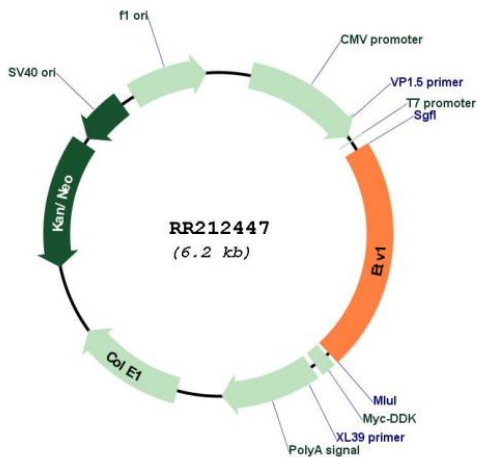
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



<b>ACCN:</b>	NM_001108709
<b>ORF Size:</b>	1362 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001108709.3</a> , <a href="#">NP_001102179.2</a>
<b>RefSeq Size:</b>	6704 bp
<b>RefSeq ORF:</b>	1365 bp
<b>Locus ID:</b>	362733
<b>Cytogenetics:</b>	6q21
<b>MW:</b>	52.4 kDa