

## Product datasheet for **MC205418**

### Etv5 (NM\_023794) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Etv5 (NM_023794) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Etv5
Synonyms:	1110005E01Rik; 8430401F14Rik; ERM
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC034680  
 GCGGCCAGCCCGCCACGGAGGCGCGCAGGCGGGCGCGGGAGTGCCGCTCAGGAGTATCTCTTTACCA  
 CCCCCAAGAACTACTCAATGCTGAAGCCCTTCAAAGTGATAGCGGAGACTTTGGAAGCACCATGGATGG  
 GTTTTGTGATCAGCAAGTCCCTTTTATGTTCCAGGAAATCTCGATCAGAGGACTGTGAGGGCGACCT  
 TTGATTGACAGAAAGAGGAAGTTTGTGGACACAGATCTGGCTCAGATTCTGAAGAGTTGTTTCAGGATC  
 TTAGCCAGCTGCAGGAGGCTTGGTTAGCTGAAGCACAAGTTCTGATGATGAGCAGTTTGTCCCAGATTT  
 TCAGTCTGATAACTTGGTGCTTCATGCTCCACCTCCCACCAAGATCAAACGGGAGCTGCACAGCCCTCC  
 TCCGAGTTGTCGTCTGTAGCCACGAGCAGGCTCTTGGTGCTAAGTATGGAGAAAAGTGCCTCTACAAC  
 ATTGTGCCTACGATAGGAAGCCTCCCTCTGGGTTCAAGCCATTAACCCCGCCGCCACTCCTCTGTACC  
 CACCCATCAGAATCCCTATTTCCCCACCTCAGGCAACTCTGCCACCTCAGGTCTCACCCCTGGAGCT  
 GGCCAGTTCAAGGGTGGTCTGCCCCGACTCCTCACTCACTCCAGAACCTGGATCACAGCAACAAA  
 CATTTGCGGTCCCCGGCCACCACATCAGCCCCTGCAAAATGCCAAAGATGATGCCTGAAAGCCAGTATCC  
 ATCAGAACAGAGATTTACGCGACAGCTGTCTGAGCCCAGCCATCCCTTCCCTCCTCAGTCAGGAGTTCTT  
 GGAGATAGTCGCCCCAGCTACCACCGGCAGATGTCAGAGCCCATTGTCCCCGAGCTCCGCCACCCCTTC  
 AGGGATTAAGCAGGAATACCATGACCCACTGTATGAACATGGGGTCCCTGGGATGCCTGGTCTCCAGC  
 ACATGGGTTCCAGTCACCCATGGGGATCAAGCAGGAGCCCCGAGATTACTGTGCTGACTCAGAAGTGCT  
 AACTGCCAGTCATCCTACATGAGAGGCGGGTATTTCTCCAGCAGCCATGAAGGATTTCCGTATGAGAAG  
 ACCCCAGGCTGTACTTTGATGATACTTGGTGGTACCCGAGAGACTGGAAGGCAAAGTCAAGCAGGAGCC  
 CACCATGTATCGAGAGGGGCTCCTTATCAGAGACGAGGCTCTCTGCAGCTGTGGCAGTTCTTTGTCAAC  
 CTCTGGATGACCCAGCCAATGCCCACTTCATCGCCTGGACTGGCCGAGGCATGGAATTTAAGCTCATAG  
 AACCGGAAGAGGTTGCTCGCCGTTGGGGTATCCAGAAGAATCGGCCAGCCATGAACATATGACAAGCTGAG  
 CCGCTCTCTCCGCTATTACTATGAAAAGGGCATCATGCAGAAGGTGGCTGGGGAACGCTACGTCTACAAA  
 TTTGTGTGTGACCCGGATGCACTCTTCTATGGCCTTCCCGACAATCAGCGCCGTTCTGAAGGCAG  
 AATCCGAATGCCCTCAATGAGGAGGACAGCTGCCTCTGACTCACTTTGAAGACAACCCTGCTTACCT  
 CCTGGACATGGATCGCTGCAGCAGCCTCCCTACACCGAAGGCTTCGCTTACTAAGTTTCTGAATGGCCG  
 AGTAGCCACACCCTAGAGCTAGCAGTCTCATCCAGGCAACCGAGGCAGTGGTTTTGTTGTGTTCTTG  
 GCTGTTCTAAAGCTTGCCCTTTGAGTATTATCAGGAGAACCAAGCTGTCTCTGGATTCGACACCCCTT



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AAGACAAATACCTTGGCTCGGGAGGAGTGGGAACAGGGAGAGACAAAACCACCACTTCTGGGGAGACG
TGGATACCGTCCTCCTTGCCACCATGGCCAGTATGTGCAGAGCAGTACTGCAGTGTGTTACAGGGTTAGCG
CCCATGAAAGGGGACCGAGTGTATGACAATCTGCGTTGATCATGGACTACTAAAAATGCCTTCACACAGGA
GGCTTTGACTTGACAATTCTTTGGGAAGAACTGCACACCCATAGGACAGTCGATAAAGGCTGAGTCGGG
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TTTGAAGATGCTGCAGCCTGCGAGGGGATCTGCTGGGGCTTCCCTTCGCCACACAGAAGCCTGCTTAG
TGCTTTCTGCACCAGACAACCTGTTGAGGCGTATAACCTGATCTGTACATTTTTTAAAGTGTGCAGGGCA
GCCTGGACACAGCTTAGCGTTCTACGTGTATAGTTCTCCATGCTCACTAACTCTCCTTCTCTGGGAAGCA
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ACATGTACATGTCCATTTAACGACTGGTACCTGCTGGGGACCCAGGCATCTGCCTTGTTTTCTTTTTCT
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GAGCAGTGCTAGCTAGCATTACTGGCTTCTGCTACTTTTTCGTTTTTTAAATTTTTTATTCTGATTGC
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ACGTCAGCAGGAAACGCCAGTGTCTTGTGCTGATTGACAGGAATTTGCTGTCCCTTGACACTCCACACA
TTGTGTTCTCACGTGTGGGACAGGACACAGAGCTGACTGAGCGTGGGACACTCCACAGCCTTCTCATGA
CTTGTGAAGGAGTTACAGGAACGAGGGGTATGTTTTAGAGCTATGAGAACCTAGTCAGCCACAGAGG
CGTCAAACCTGAAGCTTGGCCCTAATTAGCATTGTACTCTGATGAAAGGACTCTTTCATAAGCATATTT
ATAGCTTTCTAATCTATACACAGTCTATCCATAGATGCATATTTTACCCAACTGGCTAGAGATTTATTT
GTTGTAATGCTGTATAGATTTTGGGTTTTTTTTTTTTGTTCTTCTCTTCACTTATACTGTTGTTGGG
GTTTGTGTTTGTGTTTTCTTTAGTGAATTTATGCTGTTTTGGGGGGCGGATTGAGAAGAATCTTCCGTAGCC
TGAGCTGTCCCTCCTGTTTTGACGGCACATGTGCCAGTCAAGGGACATGGGACAGTCGCGCCACTTTGCA
TCCCACGGGACTCATGTACCTCCCGCAGAGCCGTCGCCGTCAAGGTGTGGGGCTCCTTTCATGATTTG
CTTCTTTTCCAGAGTGTGGATTTGAACTACTTCCCTGCAAAGGGCCGCGTGCACCCTGCCGAGCTGCG
TATATTCTGTACTGTGTACAATAAAGAAGATTGCTTCTTAAAAA
    
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**Restriction Sites:**

RsrII-NotI

**ACCN:**

NM\_023794

**Insert Size:**

1533 bp

**OTI Disclaimer:**

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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:** [BC034680](#), [AAH34680](#)

**RefSeq Size:** 3847 bp

**RefSeq ORF:** 1533 bp

**Locus ID:** 104156

**UniProt ID:** [Q9CXC9](#)

**Cytogenetics:** 16 B1

**Gene Summary:** Binds to DNA sequences containing the consensus nucleotide core sequence 5'-GGAA.-3'.  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.