

Product datasheet for **MC228118**

Etv3 (NM_001083318) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv3 (NM_001083318) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Etv3
Synonyms:	AI414410; METS; Pe1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228118 representing NM_001083318
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGCAGGCTGTAGCATCGTGGAAAAGCCAGAAGGAGGTGGAGGGTATCAGTTTCCGGATTGGCCCT
 ACAAAAGCCGAGTCGTCGCGGGCTCCCGCAGATCCAGCTGTGGCACTTCATCCTGGAAGTCTGCAGAA
 GGAAGAGTTCCGCCATGTCATCGCTGGCAGCAGGGAGAGTACGGGGAGTTTGTATCAAGGATCCAGAT
 GAAGTGGCTCGCCTCTGGGGCCGAGGAAGTGC AAACACAGATGAACTATGACAAGCTGAGCCGGGCC
 TCAGATACTATTACAACAAGAGGATCCTTCATAAAACAAAAGGGAAAAGTTTACTTACAAGTTAACTT
 CAACAAGCTCGTATGCCAACTACCCGTTTCATCAACATTCGCTCGAGTGGTGTGGTTTCTCAGAGTGG
 CCACAGTGCCAACAGCCTCTCCCGTTCCATTTCCACCTCTAGACAGCCATTCTCTACTGGCGATG
 TGCAACCGGGTCGTTCTCTGCCAGTCACTGAGTGTCTTGGCCCTGAGTCAGGGGTACCAGTACAG
 GAAGTTCGAGCCTTCGGACCTGGAAGATGGCTCGGCCTGACTGGCACCAGGGGATGGACTTCATGCC
 TCCCGAAATGCTCTGGGCGGAGGAGCAGTCGGCCACCAGAAACGCAAGCCTGACATACTGCTTCTCTCT
 TCAACCGGCCAGCCATGTACCCTGACCCGCACAGTCCCTTCGCTATCTCTCCGGTCCCTGGCCGGGAGG
 GGTCTTAATGTCCCATCTCACCAGCCCTGTCCCTGACTCCCACCATGTTCTCCTACAGTCCCTACCA
 GGCTGAGCCCTTACCAGCAGCAGTTGCTTCTCCTTCAACCCAGAGGAAATGAAACACTACCTTCATT
 CTCAAGCTGTTCCGGTGTCAACTACCATCTGAGTCCCGGACTTCCCGGTTACCCAGGGTCTATGGT
 CCCACCGCTGCAGTGCCAAATGCATCCTGAGGAGCCTTCCAGTCTCCATCAAGCTGCAGCCCCGCGC
 GCTGGACGGAAGAACCAGAGAGGGTAGAGAGCCGGGAGGAGGCTGTTCCGGCTCTGTGCCCGCAGCC
 CTCTGTTCCCTCTCGGATTAAGGTAGAGCCGGCCACAGAGAAGGATCCTGACAGCCTCCGGCAGTCAAC
 CCAGGGAAGGAGGAACAGACCCCAAGAAGTGGACAGCATGCGGAGCAGGACCATAGAAGAGGGGAAAGGC
 ACCGGGTTTGCCACCCCTCACCACCTGGCCCTCTGTGTCCATTAGCACTCCCAGTGCAGAACCCCTAG
 AGGGGACCGAAGACAGTGAAGACAGGTCTGTGAGGAGCCGGTGTACCCGAGAAGAAAGACGCCCT
 GATGCCCCCTAAGCTTCGGCTGAAGAGGCGGTGGAATGACGACCTGAAGCCAGGGAGCTCAACAAAACG
 GGCAAGTCTCTGGAATGGGGCAGGACCCAGGGCTGGCCACAACGGCCACTGCTGCCGCTGATGCTT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001083318

Insert Size: 1542 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001083318.2](#), [NP_001076787.1](#)

RefSeq Size: 5143 bp

RefSeq ORF: 1542 bp

Locus ID: 27049

UniProt ID: [Q8R4Z4](#)

Cytogenetics: 3 F1

Gene Summary: Transcriptional repressor that contribute to growth arrest during terminal macrophage differentiation by repressing target genes involved in Ras-dependent proliferation. Represses MMP1 promoter activity.[UniProtKB/Swiss-Prot Function]