

Product datasheet for **MC228119**

Etv3 (NM_001286844) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etv3 (NM_001286844) 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: >MC228119 representing NM_001286844
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAGCAGGCTGTAGCATCGTGGAAAAGCCAGAAGGAGGTGGAGGGTATCAGTTTCCGGATTGGCCCT
ACAAAGCCGAGTCGTCCGCGGGCTCCCGCAGATCCAGCTGTGGCACTTCATCCTGGAAGTCTGCAGAA
GGAAGAGTTCCGCCATGTCATCGCTGGCAGCAGGGAGAGTACGGGGAGTTTGTCAAGGATCCAGAT
GAAGTGGCTCGCCTCTGGGGCCGAGGAAGTGC AAACACAGATGAACTATGACAAGCTGAGCCGGGCC
TCAGATACTATTACAACAAGAGGATCCTTCATAAAACAAAAGGGAAAAGTTTACTTACAAGTTAACTT
CAACAAGCTCGTATGCCAACTACCCGTTTCATCAACATTCGCTCGAGTGGTGTGGTTTCTCAGAGTGG
CCACCAGTGCCAACAGCCTCTCCCGTTCCATTTCCACCTCTAGACAGCCATTCTCTACTGGCGATG
TGCAACCGGGTCGTTCTCTGCCAGTCACTGAGTGTCTTGGCCCTGAGTCAGGGGTACCAGTACAG
GAAGTTCGAGCCTTCGGACCTGGAAGATGGCTCGGCCTGACTGGCACCAGGGGATGGACTTCATGCC
TCCCGAAATGCTCTGGGCGGAGGAGCAGTCGGCCACCAGAAACGCAAGCCTGACATACTGCTTCTCTCT
TCAACCGGCCAGCCATGTACCCTGACCCGCACAGTCCCTTCGCTATCTCTCCGGTCCCTGGCCGGGAGG
GGTCTTAATGTCCCATCTCACCAGCCCTGTCCCTGACTCCCACCATGTTCTCCTACAGTCCCTACCA
GGCCTGAGCCCTTACCAGCAGCAGTTGCTTCTCCTTCAACCCAGAGGAAATGAAACACTACCTTCATT
CTCAAGCTGTTCCGGTGTCAACTACCATCTGAGTCCCGGACTTCCCGGTTACCCAGGGTCTATGGT
CCCACCGCTGCAGTGCCAAATGCATCCTGAGGAGCCTTCCAGTCTCCATCAAGCTGCAGCCCCGCGC
GCTGGACGGAAGAACCAGAGAGGGTAGAGAGCCGGGAGGAGGCTGTTCCGGCTCTGTGCCCGCAGCC
CTCCTGTTCCCTCTCGGATTAAGGTAGAGCCGGCCACAGAGAAGGATCCTGACAGCCTCCGGCAGTCAAC
CCAGGGAAGGAGGAACAGACCCCAAGAAGTGGACAGCATGCGGAGCAGGACCATAGAAGAGGGGAAAGGC
ACCGGGTTTGCCACCCCTCACCACCTGGCCCTCTGTGTCCATTAGCACTCCCAGTGCAGAACCCCTAG
AGGGGACCGAAGACAGTGAAGACAGGTCTGTGAGGAGCCGGTGTACCCGAGAAGAAAGACGCCCT
GATGCCCCCTAAGCTTCGGCTGAAGAGGCGGTGGAATGACGACCTGAAGCCAGGGAGCTCAACAAAACG
GGCAAGTCTCTGGAATGGGGCAGGACCCAGGGCTGGCCACAACGGCCACTGCTGCCGCTGATGCTT
AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001286844

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_001286844.1](#), [NP_001273773.1](#)

RefSeq Size: 5459 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]