

Product datasheet for **MC227725**

Etv6 (NM_001303102) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Etv6 (NM_001303102) Mouse Untagged Clone
Tag: Tag Free
Symbol: Etv6
Synonyms: AW123102; AW557856; Te; Tel
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227725 representing NM_001303102
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAAGACTCGATCCACCTGCCAACACACCTGCGTTTGCAGCCGATTTACTGGAGCAGAGATGACG
 TAGCCCAGTGGCTCAAGTGGGCAGAAAAAGTGTTCCTTTAAGGCCATTGAGAGCAACAAGTTCGAAAT
 GAATGGCAAGGCCCTCTGCTGTGACCAAAGAGGATTTCCGCTACCGATCTCCTCATTGAGGCGACGTG
 CTCTATGAACTCCTTCAAGCATATCCTGAAGCAGAGGAAATCTCGAATGCTTCTCACCATTCTTCCCC
 CTGGGGACTCTATCCACACCAAGCCAGAGGTCCTCCTGCATCAGAACCATGACGAAGATAACTGTGTCCA
 GAGGACACCCAGGACGCCCGGGAGAGCGTGCACCACAACCTCCACCATCGAACTTTACATCGCCCT
 AGGTACCCCATCACCAAAACCAGGCCCTTCTCCTGACCCCGAACAGCAGCGGCCCCAGCGGTCCCCC
 TAGACAACATGAGCCGCCCTCTCGCCAGTGGAGAAAGCCAGGGGCCAGGCTACAGCAGGAGAAACA
 CCACCAGGAAACGTACCCCTGTGAGTGTCTCCTGTGAGAATAATCACTGCCTGCCCTCAAGCCCTGG
 CAGGAGAGCACTCGAGTGATCCAGCTGATGCCCAGCCCCATCATGCACCCTTTGATCCTGAACCCCGGC
 ACTCGCACTCGGTGGACTTCAAACAGTCCCGCACTCCGAGGATGGGATGAATCGGGAAGGGAAGCCCAT
 CAACCTGTCTCATCGGGAGGACCTGGCTTACTTGAACCACATCATGGTCTCTATGTCCCCACCGGAAGAG
 CACGCCATGCCCATTTGGGAGAATAGCAGACTGTAGACTGCTTTGGGATTATGTCTATCAGTTGCTGTCTG
 ACAGCCGGTACGAAAACCTTATCCGATGGGAGGACAAAGAATCCAAAATATTCCGGATAGTGGATCCCAA
 CGGACTGGCTCGACTCTGGGAAACCAAGAACAAGAAACATGACCTATGAGAAAATGTCCAGAGCC
 CTGCGCCACTACTACAACTAAACATTATCAGGAAGGAGCCCGGACAAAGGCTTTTGTTCAGGTTTATGA
 AAACCCAGATGAGATCATGAGTGGCCGACAGACCGTCTAGAACACCTCGAGTCTCAAGTGTGGATGA
 ACAACCGTACCAAGAGGATGAACCTACCATAGCCTCACCGGTGGGCTGGCCAAGAGGAAACCTGCCACG
 GGGACCGCAGGAGCGTGATGGAAGCAGCGGAGCTAGGGTGGCTGTAAGGAAGAGACCCGGGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001303102
Insert Size:	1329 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:	<ol style="list-style-type: none">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:	<u>NM_001303102.1</u> , <u>NP_001290031.1</u>
RefSeq Size:	5707 bp
RefSeq ORF:	1329 bp
Locus ID:	14011
Cytogenetics:	6 64.58 cM
Gene Summary:	<p>This gene encodes a transcriptional repressor belonging to the ETS family of proteins. Knockout of this gene in mice results in embryonic lethality due to defective angiogenesis. In humans, this gene is often involved in chromosome rearrangements associated with specific cancers. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014]</p> <p>Transcript Variant: This variant (2) contains an alternate exon and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>