

## Product datasheet for **SC329891**

### ETV7 (NM\_001207040) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ETV7 (NM\_001207040) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ETV7  
**Synonyms:** TEL-2; TEL2; TELB  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329891 representing NM\_001207040.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAACGGACGCGCCCTCTGCATCCTCACCAAGGACGACTTCCGGCACCGTGCGCCAGCTCAGGTGAC  
 GTCCTGTATGAGCTGCTCCAGTACATCAAGACCCAGCGGCGAGCCCTGGTGTGTGGGCCCTTTTGGGA  
 GGGATCTTCAGGCTGAAGACGCCACCCAGCACTCTCCAGTCCCCCGGAAGAGGTGACTGGCCCTCT  
 CAGATGGACACCCGAAGGGGCCACCTGCTGCAGCCACCAGACCCAGGGCTTACCAGCAACTTCGGCCAC  
 CTGGATGACCCTGGCCTGGCAAGGTGGACCCCTGGCAAGGAGGAGTCCCTCAACTTATGCTACTGTGCA  
 GAGCTCGGCTGCAGGACCCAGGGGTCTGTTCTTCCCCGCGATGCCGAGGCCCCATTGACGGCAGG  
 ATCGCTGACTGCCGCTGCTGTGGGATTACGTGTATCAGCTGCTCCTTGATACCCGATATGAGCCCTAC  
 ATCAAGTGGGAAGACAAGGACGCCAAGATCTTCCGAGTTGTGGATCCAAATGGGCTCGCCAGACTCTGG  
 GGAAATCACAAGAACCGGTGAACATGACCTACGAGAAGATGTCTCGTGCCTGCGCCACTATTATAAG  
 CTTAATATCATTAAAGAAGGAACCGGGGCAGAACTCCTGTTTCTAAAGACTCCGGGAAAGATG  
 GTCCAGGACAAGCACAGCCACCTGGAGCCGCTGGAGAGCCAGGAGCAGGACAGAATAGAGTTCAAGGAC  
 AAGAGGCCAGAAATCTCTCCGTGA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001207040

**Insert Size:** 783 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).

**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).



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**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\\_001207040.1](#)

**RefSeq Size:** 1625 bp

**RefSeq ORF:** 783 bp

**Locus ID:** 51513

**UniProt ID:** [Q9Y603](#)

**Cytogenetics:** 6p21.31

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Dorso-ventral axis formation

**MW:** 30 kDa

**Gene Summary:** The protein encoded by this gene belongs to the ETS family of transcription factors, which is a large group of evolutionarily conserved transcriptional regulators that play an important role in a variety of cellular processes throughout development and differentiation, and are involved in oncogenesis as well. This protein is predominantly expressed in hematopoietic tissues. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene (PMID:11108721).[provided by RefSeq, May 2011]

Transcript Variant: This variant (7) lacks an exon in the 5' region compared to variant 1. This results in the creation of two upstream ORFs (uORFs), translation of which will render this transcript a candidate for nonsense-mediated mRNA decay (NMD). However, since both uORFs have weak Kozak signals, translation from an in-frame downstream AUG is possible by leaky scanning, resulting in an isoform (7, also known as Tel-2c) with a shorter N-terminus compared to isoform 1.