

## Product datasheet for **SC329888**

### ETV7 (NM\_001207037) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ETV7 (NM_001207037) Human Untagged Clone
Tag:	Tag Free
Symbol:	ETV7
Synonyms:	TEL-2; TEL2; TELB
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329888 representing NM_001207037. Blue=Insert sequence Red=Cloning site Green=Tag(s)

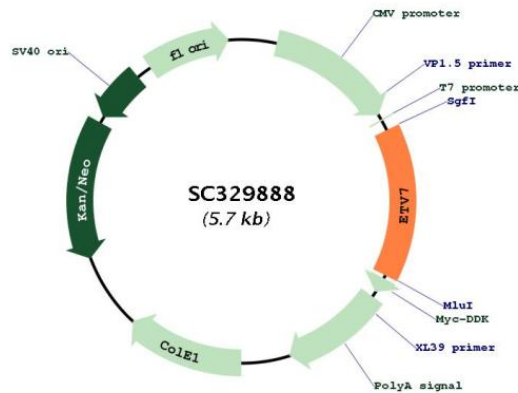
```
ATGCACCGCGGAGCACGGGTTTCGAGATGAACGGACGCGCCCTCTGCATCCTACCAAGGACGACTCCG
GCACCGTGCGCCAGCTCAGGTCAGGAAACGCACAGGCTTTCCTCTAAGCGGAAACCTGGTGACGTC
CTGTATGAGCTGCTCCAGTACATCAAGACCCAGCGGCGAGCCCTGGTGTGTGGGCCCTTTTTGGAGGG
ATCTTCAGGCTGAAGACGCCACCCAGCACTCTCCAGTCCCCCGGAAGAGGTGACTGGCCCTCTCAG
ATGGACACCCGAAGGGGCCACCTGCTGCAGCCACCAGACCCAGGGCTTACCAGCAACTTCGGCCACCTG
GATGACCCTGGCCTGGCAAGGTGGACCCCTGGCAAGGAGGAGTCCCTCACTTATGTCAGTGTGCAGAG
CTCGGCTGCAGGACCCAGGGGTCTGTTCTTCCCGCGATGCCGAGGCCCCATTGACGCGAGGATC
GCTGACTGCCGCCTGCTGTGGGATTACGTGTATCAGCTGCTCCTTGATACCCGATATGAGCCCTACATC
AAGTGGGAAGACAAGGACGCCAAGATCTCCGAGTTGTGGATCCAAATGGGCTCGCCAGACTCTGGGGA
AATCACAAGAACCGGGTGAACATGACCTACGAGAAGATGTCTCGTGCCCTGCGCCACTATTATAAGCTT
AATATCATTAAAGAAGGAACCGGGGCAGAACTCCTGTTTCAGATTCTAAAGACTCCGGGAAAGATGGTC
CAGGACAAGCACAGCCACCTGGAGCCGCTGGAGAGCCAGGAGCAGGACAGAAATAGAGTTCAAGGACAAG
AGGCCAGAAATCTCTCCGTGA
```

Restriction Sites: Sgfl-Mlul



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## Plasmid Map:



**ACCN:** NM\_001207037

**Insert Size:** 849 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).

**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:	<u>NM_001207037.1</u>
RefSeq Size:	1802 bp
RefSeq ORF:	849 bp
Locus ID:	51513
UniProt ID:	<u>Q9Y603</u>
Cytogenetics:	6p21.31
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Dorso-ventral axis formation
MW:	32.4 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses an alternate donor splice site at an internal exon compared to variant 1. This results in the creation of an upstream ORF (uORF), translation of which will render this transcript a candidate for nonsense-mediated mRNA decay (NMD). However, since the uORF has a weak Kozak signal, translation from a downstream AUG is possible by leaky scanning, resulting in an isoform (4, also known as Tel-2a) with a distinct N-terminus compared to isoform 1.</p>