

## Product datasheet for **SC336970**

### ETS2 (NM\_001256295) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ETS2 (NM_001256295) Human Untagged Clone
Tag:	Tag Free
Symbol:	ETS2
Synonyms:	ETS2IT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC336970 representing NM\_001256295.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGGTCGGCTCAATTTCAGGGCCTTATTACCAAGCCGGCTGCCCTTCGGTGCCACCAGCACCACT
GCTCCGTGCTGCGGAATTCCAAAGGCAGGTTTGGCGTTAGGGCCTTGGCCCCAGAGAGGACCCGAGC
GCTCCACGGAAAGTCTCCGCCCGGCTCCCAGGGCGCACACTCGCGCGCAGTGGGGCCGAGGCCCTGCT
CCCGGGGCTCAGGGCCAGCCGGCGAGGACCCAGCCAGTGACAGCAGGAGCGGAGGGAAAGCTCAGA
GCTCCCGAGCCGCCCGCCAGCGTCCGGCCTCCCTGATCGTCTCTGGCCGGCGCCCTCGCCCTCGCCC
GGCGCGCACCGAGCAGCCGGGGCGCCAGCAGCCACCGTCCCGACCAAGCGCCGGCCCTGCCCGCAGC
GGCAGGATGAATGATTTCGGAATCAAGAATATGGACCAGGTAGCCCTGTGGCTAACAGTTACAGAGGG
ACACTCAAGCGCCAGCCAGCCTTTGACACCTTTGATGGTCCCTGTTTGTGTTTTCTCTCTAAAT
GAAGAGCAAACACTGCAAGAAGTCCAACAGGCTTGATTCCATTTCTCATGACTCCGCCAACTGTGAA
TTGCCTTTGTTAACCCCGTGCAGCAAGGCTGTGATGAGTCAAGCCTTAAAAGCTACCTTCAGTGGCTTC
AAAAAGGAACAGCGGGCGCTGGGCATTCCAAGAACCCCTGGCTGTGGAGTGAGCAACAGGTATGCCAG
TGGCTTCTGGGCCACCAATGAGTTCAGTCTGGTGAACGTGAATCTGCAGAGGTTCCGGCATGAATGGC
CAGATGCTGTGAACCTTGGCAAGGAACGCTTTCTGGAGCTGGCACCTGACTTTGTGGGTGACATTTCT
TGGGAACATCTGGAGCAAATGATCAAAGAAAACCAAGAAAAGACAGAAGATCAATATGAAGAAAATTCA
CACCTCACCTCCGTTCTCATTGGATTAACAGCAATACATTAGGTTTTGGCACAGAGCAGGCGCCCTAT
GGAATGCAGACACAGAATTACCCCAAAGGCGCCCTCCTGGACAGCATGTGTCCGGCTCCACACCCAGC
GTACTCAGCTCTGAGCAGGAGTTTCAGATGTTCCCAAGTCTCGGCTCAGCTCCGTCAGCGTCACCTAC
TGCTCTGTCAGTCAGGACTTCCCAGGCAGCACTTGAATTTGCTCACCAACAATCTGGACTCCCAA
GACCACGACTCCCTGAGAACGGTGGGACAGCTTCGAGAGCTCAGACTCCCTCCAGTCTGGAAAC
AGCCAGTCGTCCTTGGTGGATGTGCAACGGGTTCTTCTTCGAGAGCTTCAAGATGACTGCAGCCAG
TCTCTCGCTCAATAAGCCAACCATGTCTTCAAGGATTACATCCAAGAGAGGAGTGACCCAGTGGAG
CAAGGCAAACCAGTTATACCTGCAGCTGTGCTGGCCGGCTTACAGGAAGTGGACCTATTCAGCTGTGG
CAGTTTCTCCTGGAGCTGCTATCAGACAAATCCTGCCAGTCAATCATCAGCTGGACTGGAGACGGATGG
GAGTTAAAGCTCGCCGACCCGATGAGGTGGCCCGCGTGGGAAAGAGGAAAAATAAGCCCAAGATG
AACTACGAGAAGCTGAGCCGGGCTTACGCTACTATTACGACAAGAACATCATCCACAAGACGTCGGGG
AAGCGCTACGTGTACCGTTCGTGTGCGACCTCCAGAACTTGCTGGGGTTCACGCCGAGGAACTGCAC
GCCATCTGGGGCTCCAGCCGACACGGAGGACTGA
ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001256295

**Insert Size:** 1830 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001256295.1</a>
<b>RefSeq Size:</b>	3954 bp
<b>RefSeq ORF:</b>	1830 bp
<b>Locus ID:</b>	2114
<b>Cytogenetics:</b>	21q22.2
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Protein Pathways:</b>	Dorso-ventral axis formation
<b>MW:</b>	66.9 kDa
<b>Gene Summary:</b>	<p>This gene encodes a transcription factor which regulates genes involved in development and apoptosis. The encoded protein is also a protooncogene and shown to be involved in regulation of telomerase. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding region, and initiates translation at an alternate start codon, compared to variant 1. The resulting protein (isoform 2) has a longer N-terminus compared to 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>