

## Product datasheet for **SC304062**

### ETV2 (NM\_014209) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ETV2 (NM_014209) Human Untagged Clone
Tag:	Tag Free
Symbol:	ETV2
Synonyms:	ER71; ETSRP71
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_014209 edited ATGGACCTGTGGAACCTGGGATGAGGCATCCCCACAGGAAGTGCCCTCCAGGGAACAAGCTG GCAGGGCTTGAAGGAGCCAAATTAGGCTTCTGTTCCCTGATCTGCACTCCAAGGGGAC ACGCCGACAGCGACAGCAGAGACATGCTGAAAGGTACAAGCTCATCCCTGGCAAGCTTC CCACAGCTGGACTGGGGCTCCGCGTACTGCACCCAGAAGTTCCATGGGGGGCGGAGCCC GACTCTCAGGCTCTCCGTGGTCCGGGACTGGACAGACATGGCGTGCACAGCCTGGGAC TCTTGGAGCGGCGCTCGCAGACCCTGGGCCCGCCCTCTCGGCCCGGGCCCCATCCCC GCCGCCGCTCCGAAGGCGCCGCGGGCCAGAAGTGCCTCCCGTGGCGGGAGAGGCCACC TCGTGGTGCAGCGCCAGGCCGCGGGAGCAACACCAGCTGGGACTGTTCTGTGGGGCC GACGGCGATACCTACTGGGCGAGTGGCCTGGGCGGGAGCCGCGCACGGACTGTACCATT TCGTGGGCGGGCCCGGGCCCGGACTGTACCACCTCCTGGAACCCGGGCTGCATGCG GGTGGCACCACTCTTTGAAGCGGTACCAGAGCTCAGCTCTCACGTTTGCTCCGAACCG AGCCCGCAGTCGGACCGTCCAGTTTGGCTCGATGCCCAAAAATAACCACCGAGGTCCC ATTCAGCTGTGGCAGTTCCTCCTGGAGCTGCTCCACGACGGGGCGGTAGCAGCTGCATC CGTTGGACTGGCAACAGCCGCGAGTTCAGCTGTGCGACCCAAAGAGGTGGCTCGGCTG TGGGGCGAGCGCAAGAGAAAGCCGGCATGAATTACGAGAAGCTGAGCCGGGGCCTTCG TACTACTATCGCCGCGACATCGTGCGCAAGAGCGGGGGGCGAAAGTACACGTACCCTTC GGGGCCCGCTGCCAGCCTAGCCTATCCGGACTGTGCGGGAGGGCGACGGGGAGCAGAG ACACAATAA
Restriction Sites:	NotI-NotI
ACCN:	NM_014209
Insert Size:	1600 bp



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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** It is not a variant. But 5' and 3' UTRs are different from reference.

**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\\_014209.1](#), [NP\\_055024.1](#)

**RefSeq Size:** 1559 bp

**RefSeq ORF:** 1113 bp

**Locus ID:** 2116

**UniProt ID:** [O00321](#)

**Cytogenetics:** 19q13.12

**Protein Families:** ES Cell Differentiation/IPS

**Gene Summary:** Binds to DNA sequences containing the consensus pentanucleotide 5'-CGGA[AT]-3'.  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).