

## Product datasheet for **SC336326**

### ERF (NM\_001301035) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ERF (NM_001301035) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERF
Synonyms:	CHYTS; CRS4; PE-2; PE2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >SC336326 representing NM\_001301035.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

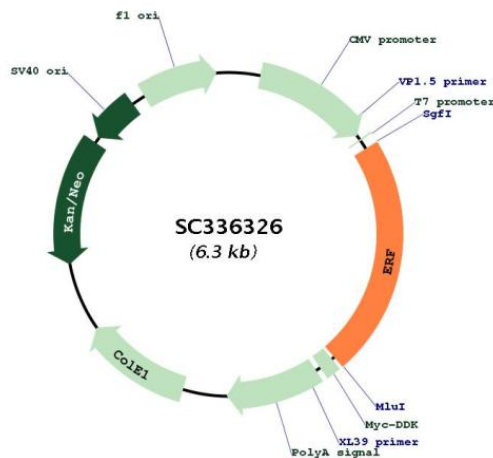
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATTACGACAAGCTGAGCCGGGCCCTGCGCTATTACTATAACAAGCGCATTCTGCACAAGACCAAG
GGGAAACGGTTACCTACAAGTTCAATTTCAACAAACTGGTGCTGGTCAATTACCCATTCATTGATGTG
GGGTTGGCTGGGGTGCAGTGCCCCAGAGTGCCCCGCCAGTGCCGTCGGGTGGTAGCCACTTCCGCTTC
CCTCCCTCAACGCCCTCCGAGGTGCTGTCCCCACCGAGGACCCCGCTACCACCAGCCTGCTCTTCA
TCTTCATCTTCCCTCTTCTCGGCTGTGGTGGCCCGCCGCTGGGCCGAGGCTCAGTCAGTACTGTAGT
GATGGCACGTCAGAGCTGGAGGAACCGCTGGGAGAGGATCCCCGCGCCGACCACCCGGCCCTCCGGAT
CTGGGTGCCTTCCGAGGGCCCCGCTGGCCCGCTGCCCATGACCCTGGTGTCTTCCGAGTCTATCCC
CGGCCTCGGGTGGCCCTGAACCCCTCAGCCCCTTCCCTGTGTCGCTCTGGCCGGTCTGGATCCCTG
CTGCCCTCAGCTCTCCCGGCTGTGCCATGACGCCACCCACCTGGCTACACTCCCTCGCCACG
CTGAGCCCGATGTACCCAGTGGTGGCGGGGGCCAGCGGCTCAGGGGGAGGCTCCACTTCTCCTTC
AGCCCTGAGGACATGAAACGGTACTGCAGGCCACACCCAAAGCGTCTACAACCTACCACCTCAGCCCC
CGCGCCTTCTGCACTACCCTGGGCTGGTGGTGGCCAGCCAGCCGCTGACAAGTGCCCGCTGCCG
CCCATGGCACCCGAGACCCACCGGTCCCCTCCTCGGCCTCGTATCCTCTTCTTCTTCTTCTCCCA
TTCAAGTTAAGCTCCAGCCGCCCACTCGGACGCCGGCAGCGGGCAGCTGGGGAGAAGGCCGTAGCC
GGTGTGACAAGAGCGGTGGCAGTGCAGGCGGGCTGGCTGAGGGGGCAGGGGGCGTAGCCCCACCGCCC
CCGCCACCACAGATCAAGGTGGAGCCATCTCGGAAGCGAGTCGGAGGAGGTAGAGGTGACTGACATC
AGTGTGAGGATGAGGAAGACGGGAGGTGTTCAAGACGCCCGTGCCCCACCTGCACCCCTAAGCCT
GAGCCCGGCGAGCACCCGGGGCATCCCAGTGCATGCCCTCAAGCTACGCTTTAAGCGCGCTGGAGT
GAAGACTGTCCCTCGAAGGGGGTGGGGGCCCCGCTGGGGGCTTTGAGGATGAGGGTGAGGACAAGAAG
GTGCGTGGGAGGGGCTGGGAGGCTGGGGGCCCTCACCCAAAGCGGGTGAGCTCTGACCTCCAG
CATGCCACGGCCAGCTCTCCCTGGAGACCGAGACTCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

**Restriction Sites:**

SgfI-MluI

**Plasmid Map:**



**ACCN:** NM\_001301035

**Insert Size:** 1422 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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_001301035.1</a>
<b>RefSeq Size:</b>	2634 bp
<b>RefSeq ORF:</b>	1422 bp
<b>Locus ID:</b>	2077
<b>UniProt ID:</b>	<a href="#">P50548</a>
<b>Cytogenetics:</b>	19q13.2
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	50 kDa
<b>Gene Summary:</b>	<p>ETS2 is a transcription factor and protooncogene involved in development, apoptosis, and the regulation of telomerase. The protein encoded by this gene binds to the ETS2 promoter and is a strong repressor of ETS2 transcription. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 2, which has a shorter N-terminus, compared to isoform 1. Variants 2, 3, and 4 all encode isoform 2.</p>