

## Product datasheet for **SC210144**

### ERp19 (TXNDC12) (NM\_015913) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ERp19 (TXNDC12) (NM\_015913) Human 3' UTR Clone  
**Symbol:** ERp19  
**Synonyms:** AG1; AGR1; ERP16; ERP18; ERP19; hAG-1; hTLP19; PDIA16; TLP19  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_015913  
**Insert Size:** 832 bp  
**Insert Sequence:** >SC210144 3'UTR clone of NM\_015913  
The sequence shown below is from the reference sequence of NM\_015913. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAAAGAAACATCTTGAAGATGAATTGAACATGAATGTGCCCTTCTTTCATCAGAGTTAGTGTCTG
GAAGGAAAGCAGCAGGGAAGGGAATATTGAGGAATCATCTAGAACAATTAAGCCGACCAGGAAACCTCA
TTCCTACCTACACTGGAAGGAGCGCTCTACTGTGGAAGAGTTCTGCTAACAGAAGCTGGTCTGCATGT
TTGTGGATCCAGCGGAGAGTGGCAGACTTCTTCTCCTTTTCCCTCTCACCTAAATGTCAACTTGCAT
TGAATGTAAGAATGAAACCTTCTGACACAAAACCTTGAGCCACTTGGATGTTTACTCCTCGCACTTAAG
TATTTGAGTCTTTTCCATTTTCCCTCCACTTTACTCACCTTAGTGGTGAAGGAGACTAGTAGCATCTT
TTCTACAACGTTAAAATTGCAGAAGTAGCTTATCATTAAAAACAACAACAACAATAACAATAAAT
CCTAAGTGAAATCAGTTATTCTACCCCTACCAAGGATATCAGCCTGTTTTTCCCTTTTTTCTCCTG
GGAATAATTGTGGGCTTCTTCCCAAATTTCTACAGCCTTTTCTCTTCTCATGCTTGAGCTTCCCTGT
TTGCACGCATGCGTGTGCAGGACTGGCTGTGTGCTTGGACTCGGCTCCAGGTGGAAGCATGCTTTCCCT
TGTTACTGTTGGAGAACTCAAACCTTCAAGCCTAGGTGTAGCCATTTTGTCAAGTCATCAACTGTAT
TTTTGTACTGGCATTAAACAAAAAAGAGATAAAATATTGTACCATTAACTTTAATAAACTTTAAAAG
GAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_015913.4</a></u>
<b>Summary:</b>	This gene encodes a member of the thioredoxin superfamily. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide bond formation and isomerization. This protein localizes to the endoplasmic reticulum and has a single atypical active motif. The encoded protein is mainly involved in catalyzing native disulfide bond formation and displays activity similar to protein-disulfide isomerases. This protein may play a role in defense against endoplasmic reticulum stress. Alternate splicing results in both coding and non-coding variants. [provided by RefSeq, Mar 2012]
<b>Locus ID:</b>	51060
<b>MW:</b>	31.6