

## Product datasheet for **SC208645**

### **E2F5 (NM\_001083588) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** E2F5 (NM\_001083588) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** E2F5  
**Synonyms:** E2F-5  
**ACCN:** NM\_001083588  
**Insert Size:** 686 bp  
**Insert Sequence:** >SC208645 3'UTR clone of NM\_001083588  
The sequence shown below is from the reference sequence of NM\_001083588. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGTTTGATGTCCAGATACTAAATTATAGATTCCATGGAACTTGGGACTGTTATCTACCTCTAACTG
TGTAACATTTTAGACTTCTTAATAACCTAAATATTTAAAATAATGAATGTAACACCTTTTTAGTTCAC
TGATTCTGAAGTGTCTTCCCTAATACTTTCTTTACTTCACAAACTTCAACCATAAAAACAAGGGCT
CTGATTGCTTTAGGGGATAAGTGATTTAATATCCACAAACGTCCCACTCCCAAAAGTAACATATTCT
GGATTTCAACTTTTCTTCTAATTGTGAATCCTTCTGTTTTTCTTCTTAAGGAGGAAAGTAAAGGACA
CTACAGGTCATCAAAAACAAGTTGGCCAAGGACTCATTACTTGTCTTATTTTTACTGCCACTAACT
GCCTGTATTTCTGTATGCCTTCTATCCAACAGACGTTCACTGCCACTTGTAAGTGAAGGATGTAAA
CGAGGATATAACTGTTTCAGTGAACAGATTTGTGAAGTGCCTTCTGTTTTAGCACTTAAGTTTAT
CACATTTTGTGACTTCTGACATTCCACTTTCTAGGTTATAGGAAAGATCTGTTTATGTAGTTTGT
TTAAAATGTGCCAATGCCTGTACATTAACAAGATTTTTAAAATAAAAATTGTATAAACATTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** 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).

**Components:** 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.



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RefSeq: [NM\\_001083588.2](#)

**Summary:** The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionarily conserved domains that are present in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107, but not with pRB. Alternative splicing results in multiple variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 1875

MW: 26.4