

## Product datasheet for **SC321132**

### **E2F6 (NM\_198256) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	E2F6 (NM_198256) Human Untagged Clone
Tag:	Tag Free
Symbol:	E2F6
Synonyms:	E2F-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_198256 edited  
 GGGGGTCTGCGTCGGGAGCTCCCGGCACGTGAGGCCGTGCCGCTTTACTGGCGGGCGG  
 GACGGCCTAGCCGGGCGGCCTCGGAGGAAGCCGCGACCCCTTAGGTGCTGGGCCCTT  
 GGAAATCGGCGCGTGGGGGGCGGTGCTCGAGCTGAGCGCGAGAGGGCGGGAGAGCTCGTG  
 GGGTGCAGAGGGGAGCAGGACGCCCGCCGGCAGCATGAGTCAGCAGCGGCCGGCAGGA  
 AGTTACCCAGTCTCCTCTGGACCCGACGAGGAGACGGTTCGCCGTGGTGCCGAGACC  
 CCATCAACGTGGAGGCCCTGCTGCCATCAAAAAAATAGGATTAATTTAGAAGATAATGTAC  
 AATATGTGCCATGAGAAAAGCTCTAAAAGTGAAGAGACCTCGTTTTGATGTATCGCTGG  
 TTTATTTAACTCGAAAATTTATGGATCTTGTGAGATCTGCTCCCGGGGTATTCTTGACT  
 TAAACAAGGTTGCAACGAAACTGGGAGTCCGAAAGCGGAGAGTGTATGACATCACCAATG  
 TCTTAGATGGAATCGACCTCGTTGAAAAGAAATCCAAGAACCATATTAGATGGATAGGAT  
 CTGATCTTAGCAATTTTGGAGCAGTTCCTCAACAAAAGAAGCTACAGGAGGAACTTTCTG  
 ACTTATCAGCAATGGAAGATGCTTTGGATGAGTTAATTAAGGATTGTGCTCAGCAGCTGT  
 TTGAGTTAACAGATGACAAAGAAAATGAAAGACTAGCATATGTGACCTATCAAGACATTC  
 ATAGCATTAGGCCTTCCATGAACAGATCGTCATTGCAGTTAAAGCTCCAGCAGAAACCA  
 GATTGGATGTTCCAGCTCCAGAGAAGACTCTATCACAGTGCACATAAGGAGCACCAACG  
 GACCTATCGATGTCTATTTGTGTGAAGTGGAGCAGGGTCAGACCAGTAACAAAAGGCTGTG  
 AAGGTGTCGGGACCTCTTCATCTGAGAGCACTCATCCAGAAGGCCCTGAGGAAGAAGAAA  
 ATCCTCAGCAAAGTGAAGAATTGCTTGAAGTAAGCAACTGATGGCATTGAGAATTTATG  
 TACTACTGAGTTTTTGGGAATATCTTCGTGGAGAATTACGCATCAAATTTGATTCTCAG  
 AGCAATAAATATCCATGAAGTGTCTCTCGTTCTCAGTAGCGGCATCATGGCCAGTAGTGT  
 CTTTGGAGAGTTCACCACTTAGATTACTGAGTAATTGTGGTTCCACATTTGAAAAACAAC  
 TCCTTTTATAATTATTCAGTCTTTTTTGTGAGTAAATAGACATCTTGCCTCCTGAAGTA  
 GCTTCATCACAGAGTGTGATGAAGACAGACAGTCAAGGCTGAAATGGACAGTTCCTTTGTGG  
 ACTCTACCTTCCCTTCAAGGAGTATGTCATATATCACAAAAGAAATGCTTACTACTGG  
 TTCACGTTTGCAGTACTGTTGTACATTGCATAGATGTACACACGAATTTAAATGTGATG  
 TCTTTGTATATATCTGTATAATGTTGAGATTACTTACGAAATATGTCTGAGTGACACTTT  
 TCACCCTGTACAGCCAAAATAATGTATATATGAAAAGTACAGACAAAATCTCTAATCT  
 CTTTGGTATCTATAACTTATTAGAATCCTCTGGATGAGGGTTAGAAGAGACTTTTTCCAA  
 ACTTCTACATGTAGAAGTATCATAAATGTGCTACACATTTATGTTTGTGGATTTAATTA  
 AGTATTTAATATGGTTTTAGTGTCTAAAATTTGGAGTCAAGATACTTCTTGGTTTTAAGCT  
 GTCTACCTAATTGCTGTCTCCAGCAGACTGGTGGCATGCCAGTGGCTTTGGGGCAAG  
 GATAGAAATGCCATCAGGAAATAGCTGAATTCATTGTGAAACATGAATTCAGTCATGGTG  
 ATAATTGGAAACTCCTTTCAGGTTTTTCAAGTAGATTTTGAATGTTTGTGTATGCAGC  
 CTTGCTGTTGAGTCAAGCAAGGGGTTTTACTTAGGACAAGTTGTACCTTGCCCTCTCTC  
 CAGCTCTGCTCCACATTTTACATACCTAGCTGTTTCTACCTCATTGGGTAAGTCATTT  
 ACCACTCTGTGCCTCAGTTTACTCTGTAGTTTACCATTAGACTGTGAGCTCCTTGAGGGA  
 CTTTGTATAATCACTGTTACATCCAGTGCCTCACACCATGCCTGGCCCTTAAGAAGTG  
 CTCATAAATGTCTGAACAAATAA  
 AA  
 AAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_198256

**Insert Size:** 2400 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).

<b>OTI Annotation:</b>	The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_198256.2.
<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>	<u><a href="#">NM_198256.2</a></u> , <u><a href="#">NP_937987.2</a></u>
<b>RefSeq Size:</b>	3240 bp
<b>RefSeq ORF:</b>	846 bp
<b>Locus ID:</b>	1876
<b>UniProt ID:</b>	<u><a href="#">O75461</a></u>
<b>Cytogenetics:</b>	2p25.1
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a member of a family of transcription factors that play a crucial role in the control of the cell cycle. The protein encoded by this gene lacks the transactivation and tumor suppressor protein association domains found in other family members, and contains a modular suppression domain that functions in the inhibition of transcription. It interacts in a complex with chromatin modifying factors. There are pseudogenes for this gene on chromosomes 22 and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]</p> <p>Transcript Variant: This variant (a) encodes the longest 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>