

Product datasheet for **SC336963**

E4F1 (NM_001288778) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E4F1 (NM_001288778) Human Untagged Clone
Tag:	Tag Free
Symbol:	E4F1
Synonyms:	E4F
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336963 representing NM_001288778.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGGCGCGATGGCAGTGCGGGTGACGGCCGCTCATACGGCAGAAGCCAGGCCGAAGCCGGGCGG
GAAGCGGGCGAGGGTGAGTTGCGGCGGTGGCGCGGCTTGGCCCCAGCGGCTTCCTCGGCCTCCCG
GCGCCCTTCAGCGAGGAAGATGAGGACGATGTGCACAGATGCGGCCGCTGCCAGGCAGAGTTCACCGCC
TTGGAGGATTTTGTTCAGCACAAGATTAGAAGGCCTGCCAGCGGGCCCTCCGGAGGCCCTGCCTGCC
ACCCCTGCCACCACAGCGTTGCTGGGCCAGGAGGTGGTCCGGCAGCACCAGGCCAGAGGAGCCCATC
ACTGTGGCCACATCGTGGTGGAGGCGGCTCTCTGGCAGCAGACATCAGCCACGCATCTGACCTTGT
GGTGGTGGGCACATCAAAGAGGTATCGTGGTGTGAGGCGGAGCTGGGAGACGGTGAGATGGCCGAG
GCCCGGGCAGCCCCACCAGCAGGGGCTGGGGCTCGCAGGGGAGGGTGAGCAGGCCAGGTGAAGTA
CTGGTGAACAAGGATGGCCGCTATGTGTGTGCGCTGTGCCACAAGACCTCAAGACGGGCAGCATCTC
AAGGCCACATGGTCACTACAGCAGCCCAAGGACCACGAGTGAAGCTCTGTGGGGCTCCTTCCGC
ACCAAGGGCTCACTCATCCGGCACCACCGCGGCACACGATGAGCGCCCTACAAGTGCTCCAAGTGT
GGAAAGAGCTTCCGGGAGTCGGGTGCACTGACCCGGCACCTCAAGTCTCTACCCCTGCACAGAGAAA
ATCCGCTTCAGTGTGAGCAAGGACGTGGTGTGACGAAAGAGGACGCACGTGCAGGTTCTGGAGTGGA
GCTGCCGCTTGGGGACAGCCACATCATCGGTGACAGGCGAGCCTATAGAGACTTACCCGTGATTAC
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AACCTGCTGCACAGTTCTGCAGCCGTGGCTCCGAGAGAAGGGCTCACTGGTCCGGCACGTGCGACAC
CACACAGGCGAGAAGCCGTTCAAGTGCTACAAGTGCGGCCGTGGCTTCGCGAGCACGGCACGTGAAC
CGGCACCTGCGCACCAAAAGGGGGCTGCCTGCTGGAGGTGGAGGATTGCTGGTGTCTGAGGACAGCCCC
GCGGCAGCCACCACCGTCTCACGGAAGACCCGCACACAGTGTGGTGGAGTTCTCGTCCGTGGTAGCT
GACACCCAGGAGTATATCATCGAGGCACTGCGGACGATGCGGAGACAGTGAGGCCACGGAGATCATC
GAGGGCACCCAGACAGAGGTGGACAGCCACATCATGAAGTGGTGCAGCAGATCGTGACACAGGCTAGC
GCCGGCCACCAGATCATCGTGAGAAGCTACCATGGACGAGGAGACGGCGCTGGGCCAGAGGCGGCT
GCCGCGACACCATCACCATCGCCACCCCGAGAGCCTGACAGAGCAGGTGGCCATGACGCTGGCCTCG
GCCATCAGCGAGGGCACTGTGCTTGCCGCCCGGGCAGGACAAGTGGCACTGAACAGGCCACTGTGACC
ATGGTGTATCAGAGGACATCGAGATCCTGGAGCATGCAGGCGAGCTGGTATCGCTCGCCGAGGGC
CAGCTGGAGGTGCAGACGGTCATCGTCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001288778

Insert Size: 1824 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).

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:	<u>NM_001288778.1</u>
RefSeq Size:	2135 bp
RefSeq ORF:	1824 bp
Locus ID:	1877
UniProt ID:	<u>Q66K89</u>
Cytogenetics:	16p13.3
Protein Families:	Transcription Factors
MW:	64 kDa
Gene Summary:	The zinc finger protein encoded by this gene is one of several cellular transcription factors whose DNA-binding activities are regulated through the action of adenovirus E1A. A 50-kDa amino-terminal product is generated from the full-length protein through proteolytic cleavage. The protein is differentially regulated by E1A-induced phosphorylation. The full-length gene product represses transcription from the E4 promoter in the absence of E1A, while the 50-kDa form acts as a transcriptional activator in its presence. Alternative splicing results in multiple transcripts encoding different proteins. [provided by RefSeq, Jan 2014] Transcript Variant: This variant (3) lacks two alternate in-frame exons and has two alternate in-frame splice sites in the 3' coding region, compared to variant 1. The encoded protein (isoform 3) is shorter compared to isoform 1.