

Product datasheet for **SC308153**

E2F7 (NM_203394) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E2F7 (NM_203394) Human Untagged Clone
Tag:	Tag Free
Symbol:	E2F7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_203394 edited
CGCACCACCTTCCTCATCGGCTTGGGTCCTGGAGGTCCTGCAGAGGCAGGAAGCCTC
CTTAGGAAAGCAGGGATGGAGGTAAATTGTTTAACTAAAAGACCTGATCAGCCCCAGG
CAGCCCAGACTAGATTTTGCAGTTGAAGATGGGAAAAATGCACAAAAGGAAAAATATATTT
GTTGATCGATCAAGGATGGCCCCGAAGACTCCAATAAAAAATGAACCAATTGATTTATCG
AAGCAAAAAAATTTACTCCAGAAAGAAATCCCATTACTCCAGTTAAGCTTGTGACAGA
CAGCAAGCGGAACCATGGACACCCACAGCTAACCTGAAGATGCTCATTAGTGTGCCAGC
CCAGATATAAGGGACCGGAGAAGAAAAAGGACTATTCCGACCCATTGAAAACAAGGAC
GATGCATTTACAGATTCTCTACAGCTTGTGTTGTTGGGACAGTGTGTGGACGAATTT
GAAAAGCAAAGGCCAAGCAGAAAACAGAAAAGTTTAGGACTCCTGTGCCAGAAGTTTCTA
GCTCGCTATCCAAGTTATCCCTTGTCAACTGAGAAAACCTACCATCTCCCTAGATGAAGTT
GCTGTCAGTCTTGGTGTGAAAGGAGACGCATCTATGACATTGTAATGTGCTGGAGTCG
CTGCATCTGGTCAGCCGGTGGCTAAGAATCAGTATGGCTGGCATGGACGGCACAGCCTG
CCAAAAACCTGAGGAACCTCCAGAGACTAGGAGAGGAGCAGAAATATGAAGAGCAAATG
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GATGGTGATCCAGATCCAGGAACAACAGTACTGGATTTCTCTGAACCCGACTGTCCC
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CAGATTCAGTCTGTGCAAAAACAGAAGCTGGCTCGCCATGGTTCTTTAACACAGTTTCAG
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CAAGGATCAGGTGGCTACTCTTTAGAAATTGGAAGCCTGGCAGCTGTCTATAGACAGAAA
ATAGAAGACAATTCACAGGGAAAAGCCTTTGCCAGTAAGAGAGTGGTGCCTCCATCAAGC
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CCTTTAGCCACCCAGTATTTTCTGTTGCTCAGACGGACCTGCAGGCATTCTCCATGCAG
AACGGTCTGAATGGACAAGTGGATGTCTCACTTGTCTCTGCAGCCTCTGCTGTGGAGAGC
CTGAAGCCAGCACTCCTTGTGGCCAGCCTCTAGTGTATGTGCCCTCTGCCTCACTGTTT
ATGCTGTATGGAAGTCTGCAGGAGGGACCAGCGTCAGGGTCAGGGTCAGAGAGGGATGAC
AGAAGCTCAGAAGCCCCAGCCACAGTAGAGCTGTATCTGCACCCCTCAGCTCAGAAGCGC
CTCTGTGAGGAGAGGAAACCTCAGGAGGAGGATGAGCCAGCCACTAAAAGGCAAAGTAGG
GAATATGAAGACGGCCCGCTGTGCTTGTGATGCCAAGAAAACCTCAGATTCCACAGAC
CTTGCCTCTCCAAAGACTATGGGTAAACAGGGCATCTATACCCCTCAAAGACATTCATGTG
AATGGCCAACTCCCTGTGCAGAAGAGATTTTCAAGAAATACAGATGTTGAAAAGCCTTCAAAGAAAAT
GAAAGCACCAAAGAGCCTTCTTTGCTACAATATCTTTGTGTGCAGTCTCCTGCAGGATTA
AATGGTTTTCAATGTACTTTTATCTGGCAGTCAAACCCCTACTGTGGGCCCGTCCCTCA
GGTCAGTGCCTGCTTTTCAAGTGTCCCTTGCATGGTCTTACCATCTCCACCTCTGGGCCCT
TTTCTGTTCTCTATTCTCCTGCAATGCCGGGCCCGGTTTCTTCTACTCTTGGTGTCTC
CCAAACACAGGACCTGTGAATTTAGCTTGCCTGGCCTTGGATCAATAGCCAGCTTCTC
GTCGGCCCCACAGCTGTGGTTAATCCAAAGTCGTCCACACTCCCTTCTGCAGACCCTCAG
CTTCAGAGTCAGCCCTCACTAACCTAAGTCCAGTGTCAAGGTCACACAGTGTGCTC
CAACAACCTGAGTCCCCGTTTACGTGGGACATCCAGTCTCAGTAGTAAAATTACATCAG
TCACCAGTTCAGTGACCCCAAGAGCATCCAACGCACACATCGTGAGACGTTTTTCAAG
ACACCCGGCAGCCTTGGAGACCCTGTCCGAAGAGAAGAGAAAGGAACCAAGTACAGAAAC
ACCAGCTCGGCCAGAGGAGACTAGAAATCCCCAGCGGCGGCGTACTAACCTGCCGCT
TTGCCAGGTGGGGTGGGATCAAACGCCCTGAGAGTCCCGGATGTCGAGGCGGGATGCA
AACCATCCCGTCTGAGCACGGGTCTTCTCTCTCTTTTCCATCCACACTTCTGTTAACTT
CCCACCACCATCAATCATCTGATTTCTGAAAGTAATTAATTGTGCATTTAATACCAGTT
AGAGTTCCGACTCTGCATGGTGTCA
    
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Restriction Sites:	Please inquire
ACCN:	NM_203394
Insert Size:	3000 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_203394.1.
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:	<ol style="list-style-type: none">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_203394.1</u> , <u>NP_976328.1</u>
RefSeq Size:	5728 bp
RefSeq ORF:	2736 bp
Locus ID:	144455
UniProt ID:	<u>Q96AV8</u>
Cytogenetics:	12q21.2
Protein Families:	Transcription Factors
Gene Summary:	E2F transcription factors, such as E2F7, play an essential role in the regulation of cell cycle progression (Di Stefano et al., 2003 [PubMed 14633988]).[supplied by OMIM, May 2008]