

Product datasheet for **SC305136**

E2F8 (NM_024680) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E2F8 (NM_024680) Human Untagged Clone
Tag:	Tag Free
Symbol:	E2F8
Synonyms:	E2F-8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_024680 edited

```

AAGTGCACCTGAGCGAGTGGCGGCCGGGGACAGTACCTGCTTATTTGGGCAATAC
AGCCTTCCAAGGTGGAGTCTAACGCCGTGGTGTGAAGTGGCCACCGAACAGGGAGTAAA
TAGTGCTTTGTATCTTTAAGGAAGCCCTTTTTAAATTTAAAAAAAAGTCTTAATTATA
AGACTCTTTAAATGCCCAACTGCATACTTGAGCTTTGGGACTGAATTTGGAACCTTCCT
GTCAAGCGACCTCCACGACTTTACTGCTGAGCCTGTGCACGTGTGTGAAGGGGAGAAA
TCCAGGCATCTAGATGCAGACTTGTACCCAGTTACTTGGGGTCCGCTGCGCTCAGCTGGG
ACCTGGGCTCGTGCCTTAGTCCGGAGCCCTGATCTGCGAACAGGATATTAACCTTTTA
GTACAATTGATTGGACTACTTGAACCATCGGGATTTGGGGAGGAAGTCCAGATTTTTCAT
TTTTAACTCTAAATGTATGAGGAATTTA: CAGAAATGGAGAACGAAAAGGAAAATCTCTT
TTGTGAGCCACATAAAAGGGGACTAATGAAAACACCTCTGAAAGAATCCACCACAGCAAA
TATCGTGTGGCAGAGATCCAGCCTGACTTTGGCCCTTTAACCACACCTACCAAGCCCAA
GGAAGGCTCTCAGGGAGAGCCGTGGACACCGACAGCCAACCTGAAAATGCTCATCAGTGC
TGTGAGCCCTGAGATCCGCAACAGAGATCAGAAAAGGGGTTTGTGTTGACAACAGAAGTGG
ATTACCTGAGGCCAAAGACTGTATACACGAACACTTATCTGGAGATGAATTTGAGAAATC
CCAACCAAGTCGAAAAGAGAAAAGTTTAGGATTATTGTGTCATAAGTTCTTAGCACGATA
TCCTAATTATCCCAACCTGCTGTGAATAATGACATCTGCCTTGACGAAGTGGCAGAGGA
ACTTAATGTTGAACGTCGACGATTTACGATATCGTGAACGTCCTAGAGAGTTTACATAT
GGTGAGCCGCCTCGCAAAAACAGGTACACTTGGCAGCGGCGACACAATCTCAACAAAAC
CCTTGGCACCTTGAAGAGCATCGGGGAGGAGAATAAGTACGCCGAGCAGATTATGATGAT
CAAAAAGAAAGAAATATGAGCAAGAGTTTGACTTTATTAAGAGTTACAGTATAGAGGATCA
TATCATCAAAATCAAACTGGCCCAATGGACACCCAGACATGTGTTTTGTGGAACCTCCC
TGGAGTGAATTTCCGGCAGCTTCTGTAAACAGCCGCAAGACAAGTCTTTAAGGGTAAT
GAGCCAGAAATTTGTGATGCTGTTTTTGGTGTCAACGCCTCAGATAGTAAGCCTAGAAGT
TGCTGCCAAGATTTAATTGGGGAGGACCATGTGAAGATTTGGATAAAAGCAAGTTTAA
AACAAAATTAGGAGTTGTATGATATAGCTAATGTTCTGAGTAGCCTGGATCTTATCAA
GAAAGTTCATGTTACAGAGGAAAGAGGCCGAAAACAGCTTTCAAATGGACCGGCCCAGA

```



[View online »](#)

```

AATCAGTCCAAATACCAAGTGGCTCCAGCCCAGTCATTCTTTACTCCCTCTGATTGGGA
GGTGAGACGGTCTTCAAAAGAGAACTGTGCCAAAAACCTCTTTCCACACGTGGGAAACC
AACTTTACTCGACACCCATCTCTTATCAAATTGGTAAAGAGTATAGAAAGTGATCGGAG
AAAGATAAATTCTGCGCCAGTAGCCCTATCAAGACCAACAAAGCTGAGAGTTCTCAGAA
TTCTGCACCCCTTCCCAAGTAAATGGCTCAGCTCGCAGCTATTTGTAAATGCAGTTAGA
AGAGCAATCAAGTGAATCCAGACAGAAAGTGAAAGTACAGCTGGCAAGATCTGGACCCTG
CAAACCAAGTAGCCCTCTGGACCCCCAGTGAATGCTGAGATGGAGCTGACAGCACCGTC
CCTCATCCAGCCCTGGGAATGGTTCCCTGATCCCCAGCCCTTGTCATCAGCAGTGCC
CCTGATCTACCTCAGGCCCTTTCAGGCCCATCTATGCCATCTACCTGCAGCCCACTCA
AGCCCAACAAAGTGTGACCCACCCCAAGGCTGAGCCCAACGGTGTGACCAACCACTC
TTCTAAAGCTACTGGCTCAAAAGACTCCACAGATGCCACCACTGAGAAGGCAGCAATGA
TACCTCAAAGGCCAGTGCCTCTACCAGGCTGGAAGCTTGCTGCCAGCACCAGAGAGGCA
AGGGGCAAGAGCCGAACCAAGGAGCCAGCTGGAGAAAGAGGCTCAAAGAGGGCAAGCAT
GCTCGAGGACAGTGGTTCCAAAAAGAAATTTAAAGAGGACCTAAAGGACTTGAAATGT
CTCCGCAACCTTGTTCCCATCAGGATACCTAATCCCTCTCAGCAGTGCTCATCCCTGGG
GGCAGAGTCCATTTGTCTGGTAAAGAAAACCTCAAGTGCTCTTTCCCAACACAGGAT
TTACAGCTCCCAATTGCAGGTGTTATTCCAGTGACATCATCTGAACTCACTGCTGTTAA
TTTTCCCTCTTTTCATGTAACACCGTTGAAGCTAATGGTCTACCAACTTCCGTGGCAGC
CGTACCTGTGCGGAACAGCCCGGCTCTCGCTTCAAGCCACCTGTTCCCATCCAGAACCC
AAGCTCAGCCATTGTAACTTCACCCTGCAGCACCTGGGACTCATCTACCCAATGTGCA
GTTGTCTGCCAGCCCTGGGTCTGGAATCGTTCTGTGTCTCCAAGAATAGAGTCTGTTAA
TGTCGCACCAAGAAATGCAGGCACTCAGCAAGGAAGGGCCCACTATGACTCACCAGT
CCCAGGCCAGAGCCAGCAAAATGGACAATCAGTTGCTGTGACAGGGGCACAACAGCCTGT
TCCTGTGACACCCAAAGGGTCACAATTAGTGCCGAAAGTTTCTCCGTACCCCAAGGTGG
ACCCACCAAGCCAAACAGCTCATCCTGCATGGATTTTGAGGGTGCTAATAAACCTCCTT
AGGAACTCTCTTTGTCCACAGCGAAAACCTGGAAGTCTCAACAGAGGATGTCCATTAATC
AACAGATGTTGGCTTAGTTAATTTCTAAAGAGTTGTTAATAGAGAAAATGTACACAG
ACTGATTTGGAGAACACATTCTCTGAAAATACTGTAAATACGTTGGGGATTGTTCAATG
TG

```

Restriction Sites:	Please inquire
ACCN:	NM_024680
Insert Size:	3200 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_024680.2.
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: [NM_024680.2](#), [NP_078956.2](#)

RefSeq Size: 3736 bp

RefSeq ORF: 2604 bp

Locus ID: 79733

UniProt ID: [A0AVK6](#)

Cytogenetics: 11p15.1

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of a family of transcription factors which regulate the expression of genes required for progression through the cell cycle. The encoded protein regulates progression from G1 to S phase by ensuring the nucleus divides at the proper time. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2012]
 Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.