

Product datasheet for RN215692

E2f1 (NM_001100778) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: E2f1 (NM_001100778) Rat Untagged Clone
 Tag: Tag Free
 Symbol: E2f1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN215692 representing NM_001100778
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGTAGCCCCGCGGGCGGCCAGCACGCGCCGGCGCTGGAGGCCCTGCTCGGGGCGGGCGCGCTGC
 GGCTGCTCGACTCCTCGCAGATCGTCATCATCTCCACCGCGCCGATGTCGGCGCCCCGAGTCCCCAC
 CGGCCCCGCGCGCCCGCTGGCCCTCGAGATCCTGACGTGCTGCTCTTCGCAACGCCGAGGCGCC
 CGACCCGCGCCTAGTGCACCGCGCCCGGCTCTCGGCCGCCCGCGGTGAAACGGAGGCTGGATCTGGAAA
 CTGACCATCAGTACCTTGTGGTAGCAGCGGGCCATTCCGGGGCAGAGGCCGCCACCCAGGGAAAGTGT
 GAAATCTCCAGGGGAGAAGTACGCTATGAGACCTCACTAAATCTGACCACAAACGCTTCTTGAGCTG
 CTGAGCCACTCAGCTGATGGTGTGTTGATCTGAACTGGCAGCCGAGGTGCTGAAGGTGCAGAAACGAC
 GCATCTATGACATCACCAATGCTCTGGAGGGCATCCAATCATTGCCAAGAAGTCCAAGAATCATATCCA
 GTGGCTAGGCAGCCGACCATGGTGGGGATCGGTAGCGGCTTGAAGGCTGACCCAGGACCTGCAACAA
 CTGCAGGAGAGTGAGCAGCAGCTGGATCACCTGATGCACATCTGTACCACTCAGCTGCAACTGCTTCTG
 AGGACTCAGACATCCAGCGCCTGGCCTATGTGACCTGCCAAGATCTCCGAGCATTGCAGACCCTGCAGA
 ACAAAATGGTCATAGTGATCAAGGCCCTCCTGAGACCCAACTACAAGCTGTGGATTCTGCAGAGACATTT
 CAGATCTCCCTTAAGAGCAAACAAGGCCCATCGATGTTTTCTGTGCCCTGAGGAAAGTGCAGAGGGGA
 TTAGCCCTGGGAGGACCTCATACCAGGAGACATCTGGGAGGACAGGAATGCTGACTCTGGCACAGCAGG
 GCCTCCACCATCACCTCCCTCCACATCCCCAACCTTGGATCCCAGCCAGTCCCTGTTAGGCTGGAGCAA
 GAAGCTGTATTGCTCGAATAGGCAACCTGAGGGCCCCATGGAAGAAGACCGGTTGTACCACCTGGTGG
 CTGCTGACTCACTCCTGGAGCATGTTAAGAAGACTTCTCTGGGCTCCTCCCTGGGGAGTTATCAGCCT
 TCCCCACCCATGAGGCTGTTGACTATCACTTTGGTCTCGAGGAGGGTGAGGGCATTAGAGATCTCTTT
 GACTGTGACTTTGGGGACTTGACCCCTCTGGATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001100778
Insert Size:	1299 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:	<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_001100778.1</u> , <u>NP_001094248.1</u>
RefSeq Size:	2643 bp
RefSeq ORF:	1299 bp
Locus ID:	399489
UniProt ID:	<u>O09139</u>
Cytogenetics:	3q41
Gene Summary:	transcription factor; involved in controlling the G1/S transition of eukaryotic cells [RGD, Feb 2006]