

## Product datasheet for **RN216211**

### **E2f6 (NM\_001100717) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	E2f6 (NM_001100717) Rat Untagged Clone
Tag:	Tag Free
Symbol:	E2f6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216211 representing NM_001100717 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAGTCAGCAGCGGACGGCGGAACTGCCAGCCTGCTGGTGGACCCGGCTCAGGAGACCGTGCGCC  
GCCGCTGCCGGGACCCCATCAACGTGGAGAACCTACTGCCATCAAAAATAAGGATCAATCTAGAAGAAAA  
TGTACAGTATGTGTCCATGAGAAAAGCTCTGAAGTGAAGAGGCCCGGTTTGATGTGCTGGTCTAC  
TTAACTCGGAAGTTTATGGATCTTGTGAGATCCGCCCGGGGGCATTCTTGACCTAAACAAGGTTGCCA  
CAAACTGGGTGTCCGGAAGAGGCGTGTGTATGACATCACCAATGTCTTGACGGCATCGAACTGGTGGAA  
AAGAAATCTAAGAACCACATTCGGTGGATAGGATCTGACCTGAACAACCTTTGGGCAGCACCCCAACAG  
AAGAAGCTGCAGGCTGAGCTCTCCGACCTGTCGGCGATGGAAGACGCTCTGGACGAGTTGATTAAGATT  
GTGCTCAGCAACTGCTGGAGTTAACAGATGACAAAGAAAACGAAAGACTAGCCTACGTGACCTATCAGGA  
TATTCACGGCATTCAAGCTTTCCACGAACAGATTGTCATTGCAGTGAAGGCTCCAGAGGAAACCAGACTG  
GATGTTCCGGCTCCAGAGAAGATTCTATCACAGTGCATATCAGGAGCACAAAGGACCCATTGATGTTT  
ATTTGTGTGAAGTAGAACAGAACCACTCAAATGGTAAAACAGCTGATGGAGTAGGGCCTCTCCATCTGA  
CAGCAAACATCTACAAAGCCAGAGAAAGAAGACAAGCCTCTTCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001100717
Insert Size:	819 bp



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<b>OTI Disclaimer:</b>	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>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001100717.1</a></u> , <u><a href="#">NP_001094187.1</a></u>
<b>RefSeq Size:</b>	2189 bp
<b>RefSeq ORF:</b>	819 bp
<b>Locus ID:</b>	313978
<b>Cytogenetics:</b>	6q16
<b>Gene Summary:</b>	mouse homolog is a transcription factor; involved in the regulation of cell cycle progression [RGD, Feb 2006]