

Product datasheet for **RR216211**

E2f6 (NM_001100717) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E2f6 (NM_001100717) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	E2f6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216211 representing NM_001100717 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCAGCAGCGGACGGCGGAACTGCCAGCCTGCTGGTGGACCCGGCTCAGGAGACCGTGCGCC
GCCGCTGCCGGGACCCCATCAACGTGGAGAACCCTACTGCCATCAAAAATAAGGATCAATCTAGAAGAAAA
TGTACAGTATGTGCCATGAGAAAAGCTCTGAAGGTGAAGAGGCCCGTTTGTGTGCTCGCTGGTCTAC
TTAACTCGGAAGTTTATGGATCTTGTGAGATCCGCCCGGGGGCATTCTTGACCTAAACAAGGTTGCCA
CAAACTGGGTGTCCGGAAGAGGCGTGTGTATGACATCACCAATGTCTTGACGGCATCGAACTGGTGGA
AAAGAAATCTAAGAACCACATTCGGTGGATAGGATCTGACCTGAACAACCTTGGGGCAGCACCCCAACAG
AAGAAGCTGCAGGCTGAGCTCTCCGACCTGTCGGCGATGGAAGACGCTCTGGACGAGTTGATTAAGATT
GTGCTCAGCAACTGCTGGAGTTAACAGATGACAAAGAAAACGAAAGACTAGCCTACGTGACCTATCAGGA
TATTCACGGCATTCAAGCTTCCACGAACAGATTGTCATTGCAGTGAAGGCTCCAGAGGAAACCAGACTG
GATGTTCCGGCTCCAGAGAAGATTCTATCACAGTGCATATCAGGAGCACCAAAGGACCCATTGATGTTT
ATTTGTGTGAAGTAGAACAGAACCACTCAAATGGTAAAACAGCTGATGGAGTAGGGCCCTCTCCATCTGA
CAGCAAACATCTACAAAGCCAGAGAAAGAAGACAAGCCTCTTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR216211 representing NM_001100717
Red=Cloning site Green=Tags(s)

MSQQRARKLPSELLVDPAQETVRRRCRDPINVENLLPSKIRINLEENVQYVSMRKALKVKRPRFDVSLVY
 LTRKFM DLVRSAPGGILDNLNKVATKLGVRKRRVYDITNVL DGI ELVEKSKNHIRWIGSDLN NFGAAPQQ
 KKLQAE LSDL SAMEDALDEL IKDCAQQLLEL TDDKENERLAYVTYQDIHGIQAFHEQI VI AVKAPEETRL
 DVPAPREDSITVHIRSTKGPIDVYLCEVEQNH SNGKTADG VGVGASPSDSKHLQSP EKEDKPLQ

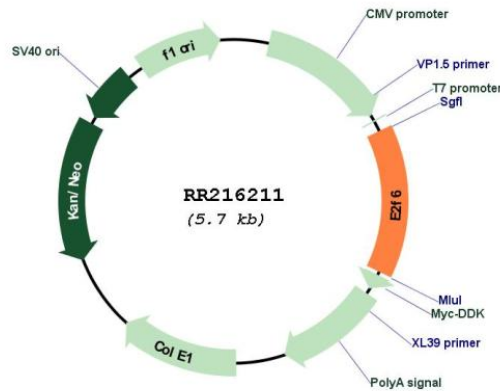
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100717

ORF Size: 816 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001100717.1 , NP_001094187.1
RefSeq Size:	2189 bp
RefSeq ORF:	819 bp
Locus ID:	313978
Cytogenetics:	6q16
MW:	30.8 kDa
Gene Summary:	mouse homolog is a transcription factor; involved in the regulation of cell cycle progression [RGD, Feb 2006]