

Product datasheet for **RN217206**

E4f1 (NM_001185046) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E4f1 (NM_001185046) Rat Untagged Clone
Tag:	Tag Free
Symbol:	E4f1
Synonyms:	Dnase1l2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217206 representing NM_001185046

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGGAGGGCGCGATGGCAGTGCGGGTGACGGCCGCTCATACGGCAGAAGCCCGGGCCGAAGCCGGGCATG
 AAGCGGGCGAGGGCGGGTTGCAGCGGGCGGGCTTGTCCAACGGCGGCTTTCTTGGGCTCCCAGCGCC
 CTTCAGCGAGGAAGATGAGGATGACGTACACAGATGTGGACGCTGCCAAGTGGAATTCAGTGCCTTGGAG
 GACTTTGTCCAGCACAAGATTGAGAAGACCTGCCATCGGGCCCCACAAGAGGCCCTGCCACCACCTCTG
 CTGCCACTTCGTTGCTGGGCCAGGAGTGGTGCCAACAGCAGCAGAGGAAGGTCCAGAGGAACCCATCAC
 TGTGGCCACATCGTGGTGGAGGCCACCTCTGCGCAGAAGACATGAGCCATGCTCCTGACCTTGTGGA
 AGTGGGCACATCAAAGAGGTCAATTGTGGCTGCTGAGGCAGAGCCAGGGGATGGCGAGATGGCAGAGGCTC
 CAGGCAGTCCTAACCATCAGGAACCTGGGCTTATTGGGAGGGCGAGCAGGCCCAAGTCAAGCTGCTGGT
 GAACAAGGAAGGCCGCTACGTGTGCATGCTATGTACAAGACCTCAAAACGGGCAGCATCTCAAGGCT
 CACATGGTAACACACAGCAGCCGCAAGGACCACGAGTGCAAGCTCTGTGGGGCCTCTTTTCGGACCAAGG
 GCTCTCTGATCCGGCACCCGACCGGCACACTGATGAGCGTCCCTACAAATGTGCCAAGTGTGGGAAGAG
 TTTCCGAGAGTCAGGCGCACTGACTCGGCACCTCAAATCTCTCACTCCATGCACAGAAAAGATCCGTTTC
 AGCATAAGCAAGGACACAGCCGTGGGCAAAGAGGAAGTGCTGCAGGGTCCAGTGCTCCACTGTGGGGA
 CAGTGACATCGTCAGTGGCAGGAGAACCATGGAGACATCACCTGTGATTACCTGGTGACAGATGCCAA
 GGGCACTGTATCCATGAAGTCCATGTCCAGATGCAGGAGCTTCCCTGGGCATGAAAGCCCTGACCCCA
 GAGTCGGCAGACTGTGAGGAGCTTCCCTGCTCCCGTGAGAACAGCCGGGAGAACCTGCTACATCAGGCCA
 TGCAGAATTCTGGCATCGTCTCGACAGGTTGCTGGGAGGAGAGTACCCTGCAGCCAGCCCCTCCTTC
 TGGGTCCAGTCCCCAGTCCCTGGGAGATGGACCTCAGAGCTGCCACTGCTGGAGGTGGAGCAGATAGAG
 ACACAGGTAGCCAGTGAGGCAGCCACTGTGCCAGGACCCACCCGTGCTCTCAGTGACGTGAGACTTTCC
 CATCAGCGGTACCTTGGAGGCCACAAGAGAGTGCATATAGGGCCGAGGCCATTACCTGCACACAGTG
 TGGCAAGGCCTTCCCAAAGCCTACCTGCTCAAGAAGCACCAGGAGGTGCATGTGCACGAGCGCCGCTTC
 CGTTGTGGAGACTGTGGGAAGCTTTATAAGACCATTGCCCATGTGCGGGGCCACCGCGTGTCCACTCCG
 ACGAGAGGCCTTCCCTTGTCCCAAGTGTGGCAAGCGTTACAAGACCAAGAATGCCAGCAAGTGCACCT
 CCGGACACATTTGAAGAAAAGCCCAAGTGTGCCAGTCTGCAGCCGAGGCTTCCGGGAGAAGGGCTCT
 CTAGTGCGGCATGTGAGGCACCACACCGCGGAGAAACCTTTCAAGTGCTACAAATGTGGCCGTGGCTTTG
 CAGAGCATGGCACACTCAACCGGCACCTGCGCACTAAAGGGGGCTGCCTGCTCGAAGTGGAGGAGTTGCT
 GGTATCCGAGGAGAGCCCTCTGCGGCTGCTACTGTGCTTGCAGAAGACCCCAACCGGTGCTGGTGGAG
 TTCTCATCTGTGGTGGCTGATACCAAGAGTACATTATTGAGGCTACTGCGGATGACACAGAGACCAGTG
 AAGCCACTGAGATCATTGAGGGCACGCAGACAGAGGTGGATAGTCACATCATGAAGGTGGTCCAGCAGAT
 CGTGACACAGGCTGGCGCTGGGCACCAGATCATTGTGCAGAAATGTGACCATGGACCAGGAGGCAGCACTG
 GGCTCAGAGGCAGCTGCCGCGGACACGATCACCATTGCCACTCCTGAGAGTCTTACTGAGCAGGTGGCCA
 TGACGCTGGCTTCAGCCATCAGTGAGGGCACTGTGCTCACAGCCCGGGCAGGGCCAAACAGTACTGAACA
 GGCCACTGTGACAATGGTGTATCAGAGGACATCGAGATCCTTGAGCACGGAGGGGAGCTGGTCATTGCT
 TCACCAGAGGGCCAGCTTGAGGTGCAGACAGTCATTGTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001185046

Insert Size:

2352 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001185046.1, NP_001171975.1</u>
RefSeq Size:	2595 bp
RefSeq ORF:	2352 bp
Locus ID:	681359
Cytogenetics:	10q12