

Product datasheet for **MC217697**

E4f1 (BC071228) Mouse Untagged Clone

Product data:

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|--------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | E4f1 (BC071228) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | E4f1 |
| Synonyms: | p120E4F; phi-AP3 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >BC071228
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGACGATGTGCACAGATGTGGCCGCTGCCAAGTGAATTCAGTGCCTTGGAGGACTTTGTCCAGCA
CAAGATTCAGAAGACCTGCCATCGGGCCCGCAGGAGGCCCTGCCACCAACCCCTTGCCACTGCACTGCT
GGACCAGGAGGTGGTGCACAGCAGCAGAGGGAGGTCCAGATGAACCCATCACTGTGGCTCACATCGTG
GTGGAGGCCACCTCTCTAGCAGAAGACATCAGCCACGCTCCTGACCTTGTGGAAGTGGGCACATCAAAG
AGGTCATTGTGGCTGCTGAGGCAGAGCCAGGGATGGCGAGATGGCAGAGGCTCCAGGCAGTCTAATCA
TCAGGAACTTGGGCTTCTGGGGAGGGCAGCAGGCCATGTCAAGCTGCTGGTGAACAAGGAAGGCCGC
TACGTGTGCATGTATGTACAAGACCTCAAACCGGCAGCATCCTCAAGGCCACATGGTAACGCACA
GCAGCCGAAGGACCACGAGTCAAGCTCTGTGGGCCCTTTTTCGGACCAAGGGCTCTCTCATCCGGCA
CCACCGACGGCACACTGATGAGCGCCCTACAAATGTGCCAAGTGTGAAAGAGTTTCCGAGAGTCAAGC
GCACTGACTCGGCACCTCAAATCTCTCACTCCATGCACAGAAAAGATCCGCTTACAGATAAGCAAGGACA
CAGCTGTGGGCAAGAGGAAGTGCCTGCAGGGTCCAGTGCCTCCACTGTGGGGACGGTGACATCATCAGT
GGCAGGAGACCCATGGAGACATCACCTGTGATTACCTGGTGACAGATGCCAAGGGTACTGTATCCAT
GAAGTCCACGTCCAGATGAGGAGCTTCCCCTGGGCATGAAAGCCCTGACCCAGAGTCCCAGACTCGG
AGGAGCTCCCCTGTTCCAGTGAGAACAGCCGTGAGAACCTGTACATCAGGCCATGCAGAATTCTGGCAT
CGTCTTGAGAGGGTTGCTGGAGAGGAGTGTCTGGAGCCAGCCCCTCCCTCTGGGTCAGTCCCAG
TGCTGGGAGATGGATCCCCTGAACTGCCTCTGCTGAAGGTGGAGCAGATAGAGACACAGGTGGCCAGTG
AGGCCGCCACCGTGCCCAGGACCCACCCGTGCCCTCAGTGCAGTGAAGTTCACCAACAGCAGCCAGCT
GGAGGCCACAAGAGAGGTACATAGTGTGGCAAGGCCTTCCCCAAAGCCTACCTGCTCAAGAAGCACCA
GGAGGTGCACGTGCACGAGCGCCGCTTCCGTTGTGGAGACTGTGGGAAGCTTTACAGACCATCGCTCAT
GTGCGGGGCCACCGCGTGTCACTCAGACGAGAGGCCTTCCCTTGTCCCAGTGCAGCAAGCGTTACA
AAACCAAGAAATGCCAGCAAGTACACTTCCGGACACATCTGGAAGAAAAGCCCCACGTGTGCCAGTCTG
CAGCCGAGGCTTCCGGGAGAAGGGCTCTCTGGTGCAGCATGTGAGGCACACAGGCGAGAAACCTTTC
AAGTGCTACAAGTGTGGCCGTGGCTTCCGGAGCATGGCACACTCAACCGGCACCTGCGCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC071228

Insert Size: 1605 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:

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: [BC071228](#), [AAH71228](#)

RefSeq Size: 2551 bp

RefSeq ORF: 1604 bp

Locus ID: 13560

Cytogenetics: 17 12.39 cM

Gene Summary: This gene encodes a member of the GLI-Kruppel zinc finger family. The encoded protein is likely to be multi-functional, with both adenovirus E1A-regulated transcription factor and ubiquitin E3 ligase activities, including roles in cell cycle regulation and the ubiquitination of p53. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]