

Product datasheet for **MG208562**

E4f1 (BC071228) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E4f1 (BC071228) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	E4f1
Synonyms:	p120E4F; phi-AP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208562 representing BC071228
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGACGATGTGCACAGATGTGGCCGCTGCCAAGTGAATTCAGTGCCTTGGAGGACTTTGTCCAGCA
 CAAGATTCAGAAGACCTGCCATCGGGCCCGCAGGAGGCCCTGCCACCAACCCCTTGCCACTGCACTGCT
 GGACCAGGAGGTGGTCCACAGCAGCAGAGGGAGGTCCAGATGAACCCATCACTGTGGCTCACATCGTG
 GTGGAGGCCACCTCTCTAGCAGAAGACATCAGCCACGCTCCTGACCTTGTGGAAGTGGGCACATCAAAG
 AGGTCAATTGTGGCTGCTGAGGCAGAGCCAGGGGATGGCGAGATGGCAGAGGCTCCAGGCAGTCCTAATCA
 TCAGGAACTTGGGCTTCTGGGGAGGGCGAGCAGGCCCATGTCAAGCTGCTGGTGAACAAGGAAGCCGC
 TACGTGTGCATGCTATGTACAAGACCTTCAAACGGGCAGCATCCTCAAGGCCACATGGTAACGCACA
 GCAGCCGAAGGACCACGAGTGAAGCTCTGTGGGGCTCTTTTCGACCAAGGGCTCTCTCATCCGGCA
 CCACCGACGGCACACTGATGAGCGCCCTACAAATGTGCCAAGTGTGAAAGAGTTTCCGAGAGTCAGGC
 GCACTGACTCGGCACCTCAAATCTCTCACTCCATGCACAGAAAAGATCCGCTTCAGCATAAAGCAAGGACA
 CAGCTGTGGGCAAAGAGGAAGTGCTGCAGGGTCCAGTGCTCCACTGTGGGGACGGTGACATCATCAGT
 GGCAGGAGACCCCATGGAGACATCACCTGTGATTACCTGGTGACAGATGCCAAGGGTACTGTATCCAT
 GAAGTCCACGTCCAGATGCAGGAGCTTCCCCTGGGCATGAAAGCCCTGACCCAGAGTCCCAGACTCGG
 AGGAGCTCCCCTGTTCCAGTGAGAACAGCCGTGAGAACCTGTACATCAGGCCATGCAGAATTCTGGCAT
 CGTCCTTGAGAGGGTGTCTGGAGAGGAGTGTCTGGAGCCAGCCCCTCCCTCTGGGTCCAGTCCCAG
 TGCCTGGGAGATGGATCCCCTGAACTGCCTCTGCTGAAGGTGGAGCAGATAGAGACACAGGTGGCCAGTG
 AGGCCGCCACCGTGCCAGGACCCACCGTGCCCTCAGTGCACTGAGACTTTCCCAACAGCAGCCACGCT
 GGAGGCCCAAGAGAGGTACATAGTGTGGCAAGGCCTTCCCAAGCCCTACCTGCTCAAGAAGCACCA
 GGAGGTGCACGTGCACGAGCGCCGCTTCCGTTGTGGAGACTGTGGGAAGCTTTACAAGACCATCGCTCAT
 GTGCGGGGCCACCGCGTGTTCCTCAGACGAGAGGCCTTCCCTGTCCCAAGTGCGGCAAGCGTTACA
 AAACCAAGAATGCCAGCAAGTACACTTCCGACACATCTGGAAGAAAAGCCCCACGTGTGCCAGTTCTG
 CAGCCGAGGCTTCCGGGAGAAGGCTCTCTGGTGGCGCATGTGAGGCACACAGGCGAGAAACCTTTC
 AAGTGCTACAAGTGTGGCGTGGCTTCGCGGAGCATGGCACACTCAACCGGCACCTGCGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208562 representing BC071228
 Red=Cloning site Green=Tags(s)

MRTMCTDVAAAKWNSLPWRTLSSSTRFRRPAIGPRRRPCPPPLATALLDQEVVPTAAEGGPDEPITVAHIV
 VEATSLAEDISHAPDLVSGGHIKEVIVAAEAEPDGEAEAPGSPNHQELGLLGEGEQAHVKLLVNKEGR
 YYCMLCHKTFKTSILKAHVMVTHSSRKDHECKLGCASFRTKGSLIRHRRHTDERPYKCAKCGKSFRESG
 ALTRHLKSLTPCTEKIRFSISKDTAVGKEEVPAGSSASTVGTVTSSVAGDPMETSPVIHLVTDAGTVIH
 EVHVQMQLPLGMKALTPESPDSEELPCSSSENSRENLLHQAMQNSGIVLERVAGEESAEPAPPSGSSPQ
 CLGDGSPQLPLKVEQIETQVASEAATVPRTHPCQCSETFPTAATLEAHKRGHIVWQGLPQSLPAQEAP
 GGARARAPLPLWRLWEALQDHRSCAGPPACSLRREAFPLSPVRQALQNQECAPASTLPDTSGRKAPRVPVL
 QPRLPGEGLSGAACEAPHRRETQVLQVWPWLRGAWHTQPAPAH

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

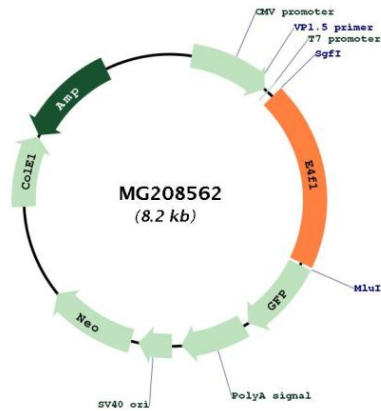
Cloning Scheme:


ACCN:	BC071228
ORF Size:	1602 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
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]

Product images:



Circular map for MG208562