

Product datasheet for **MC216446**

Egr4 (NM_020596) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Egr4 (NM_020596) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Egr4
Synonyms:	NGF1-C; NGFI-C; NGFIC; pAT133
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216446 representing NM_020596
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCCACCTGAGCGACTTCTCCGGCTCCGACGCGCTTCTCTCCAAGCCACCGAAGGCTGCGCCACG
 CCAGCCCCGAGCTGCCCGGCTGCCTGCTAGGGACGCTCCCTCGCCGCCGCGTATCCTGGAGGCGACTT
 CTTGAGCTGGGCTTTGAGCAGCTGCGGCCCGGGGGGACTTAACAGACTCCTGCTTCTGGAGGGCCCT
 GCACCCACGCCCCCTTCGGGCTCAGCTACAGCGGCAGCTTCTTCATCCAGGCGGTTCCCGAACACCCGC
 ACGACCCGGAGGCCCTTCAACCTCATGTCTGGCATCTTGGGCTGGCACCCCTTCCCGGTCCCGAGGC
 GGCAGCGTCTCGGTCCCCCTGGATGTCCCTTCCCGCGGGCCCGATGCCTTGTGCCGGACCTAC
 TCCCCAGATCTGAGTTCGGCCGCTTCCGGAGGCGTTTTGGGAGGCAGCGCCTTCGGCGGGCGCTCCCT
 CGCAGTGCCTGTTGAGCCCCAGCTCTCCCGCCGACGTCAGCCAGGGCTGCGGGCGCTCCCGCTT
 GCCAGCGTGGAGCTGTGCTTCAAGCCCTTCAAGGGCCCTATGCCCTTGGGAGCTGTGTGCGCCGGG
 GTCCCGGGGAACGTGGGTCGCAGGGGAGCTTCCAGACCACCCCGAGGCCCGCTTCTCTGCAGTAGGGA
 CCAAGGTCGAGGACCTGTGTCCATCAGCTGCCCGCCGAGCTGCCCGGCCCGGCCAGACTCTACCA
 GGCAGGGGCTACGACACCTTCTCGTTGGCCCCAGGTGACTTAGGGGAGGGGACCGAGGGCTCCCGCG
 CTGCTGACCCCTCCCGCGGGGAGGGAGGGAGCGCGCGCAAGGCGGAGAGTTCTTGCCCGCCCTCCG
 CGCAGCTGTCCCCTTAGGCCTGCGCGGTGCCGCCACGGCGGACTTCTCCAAACCCTGGTGGCCGATCT
 CCCGGGGGACGCGCGTGGCCGCGCCATCCCCGCCGATCCTTCCCGCGCCAAAGCCCGACGC
 AAGGGACGCGGGGCGGCAAGTGCAGCGCGCTGCTTCTGCCCGCGCCGACGTCAGGCTTCCGCT
 GCGCGTGGAGAGCTGCGTGGGAGCTTCCGCGCTCCGACGAGCTCAACCGCCACCTGCGATCCACAC
 GGGCCACAAGCCCTTCCAGTGCCGATCTGCCTGCGCAACTTCCAGCCGACGACACCTCACCACGCAC
 GTGCGCACCCACAGGGGAGAAGCCCTTCCGCTGCGACGTGTGTGGCCCGCTTCCGCGCAGTGACG
 AGAAGAAACGGCACAGCAAGGTGACCTAAAGCAGAAGGCGCGCGGAGGAGCGCTCAAGGGCTGG
 CTTCTACTCGCTGGGCTCTCTTCCGCGCGCT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_020596

Insert Size: 1437 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: [NM_020596.2](#), [NP_065621.1](#)

RefSeq Size: 2100 bp

RefSeq ORF: 1437 bp

Locus ID: 13656

UniProt ID: [Q9WUF2](#)

Cytogenetics: 6 37.48 cM

Gene Summary: Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-GCGGGGCG-3' (GSG). Activates the transcription of target genes whose products are required for mitogenesis and differentiation (By similarity).[UniProtKB/Swiss-Prot Function]