

Product datasheet for **RG233839**

EGR3 (NM_001199880) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: EGR3 (NM_001199880) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: EGR3
Synonyms: EGR-3; PILOT
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG233839 representing NM_001199880
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCCATGTGCGCGTGGAGTCCCCGCGTGGGAGAGAGAATGTAATGGACATCGGTCTGACCAACG
AGAAGCCCAACCCGAACTCTTACTCCGGCTCCTTCCAGCCAGCCCCGGCAACAAGACCGTGACCTA
CTTGGGAAAGTTCGCCTTCGACTCCCCTCCAAGTGGTCCAGGACAACATCATTAGCCTCATGAGCGCC
GGCATCTTGGGGTGCCCCGGCTTCAGGGCGCTCAGCACGCAGACGTCCACGGCCAGCATGGTGCAGC
CACCGCAGGGTGACGTGGAGGCCATGTATCCCGCGCTACCCCCCTACTCCAAGTGGCGGACCTCTACTC
AGAGCCCGTGTCTTCCAGACCCCAAGGCAATCCCGGGCTCGCTATTCCCCCAGGATTACCAATCG
GCCAAGCCGCGTGGACAGCAATCTTCCCCATGATTCTGACTACAACCTCTACCACCACCCCAACG
ACATGGGTCCATTCCGGAGCACAAGCCCTTCCAGGGCATGGACCCCATCCGGGTCAACCCGCCCCCTAT
TACCCCTCTGGAGACCATCAAGGCATCAAGACAAGCAGATCCACCCGGGCTTTGGCAGCTGCCCCAG
CCGCCGCTCACCTCAAGCCATCCGGCCCCGCAAGTACCCCAACCGGCTAGCAAGACACCGCTCCACG
AACGGCCCCACGCGTGCCCGGCCGAGGGCTGCGACCGCGTTTCAGCCGTTCCGACGAGCTGACCCGGCA
CCTGCGCATCCACAGGGCCACAAGCCCTTCCAGTCCGGATCTGCATGCGGAGCTTCCAGCCGACGAGC
CACCTCACCACTCACATCCGCACTCATAAGGGCGAGAAGCCCTTGCCTGCGAGTTCTGCGGGCGCAAGT
TTGCGCGCAGCGACGAGCGCAAGCGCCACGCCAAGATCCACCTCAAGCAAAGGAGAAGAAGCGGAGAA
GGCGGTCACCCCTCTGCATCCTCGCGCCCCCGTGTGCTGCGCCCGTGGTACCACCTGCGCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001199880.2](#)

RefSeq Size: 3918 bp

RefSeq ORF: 1050 bp

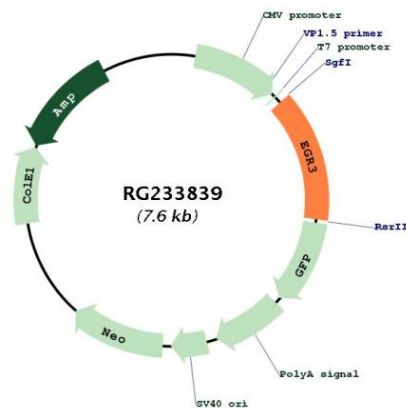
Locus ID: 1960

UniProt ID: [Q06889](#)

Cytogenetics: 8p21.3

Gene Summary: This gene encodes a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. It is an immediate-early growth response gene which is induced by mitogenic stimulation. The protein encoded by this gene participates in the transcriptional regulation of genes in controlling biological rhythm. It may also play a role in a wide variety of processes including muscle development, lymphocyte development, endothelial cell growth and migration, and neuronal development. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Dec 2010]

Product images:



Circular map for RG233839