

Product datasheet for **RN212049**

Egr4 (NM_019137) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Egr4 (NM_019137) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Egr4
Synonyms:	Egr4l1; NGFI-C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212049 representing NM_019137
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGCTCCACCTGAGCGACTTCTCCGGCCCCGACGCGCTCCTCTCCAAGCCCACCGAAGGCTGCGCCACACA
 CCAGCCCCGAGCTGCCCCGGCTGCCTGCTAGGGACGCTCCCTCGGCCGCCGCGTATCCTGGAGGCGACTT
 CTTGAGCTGGGCTCTGAGCACCTGCGGCCCGGGGGGACTTAACAGACTCCTGCTTCTGGAGGGCCCT
 GCACCCACGCCCCCTTCGGGCTCAGCTACAGCGGCGAGCTTCTTCATCCAGGCGGTTCCCGAACACCCGC
 ACGACCCGGAGGCCCTCTTAACCTCATGTCTGGCATCTTGGGCTTGGCACCCCTTCCTAGCCCCGAGGC
 GGCAGCGTCTCGGTCCCCCTGGATGTCCTTTCCCGCGGGTCCCGATGCCTTGTGCCGGACCTTTAC
 TCCCGGATCTGAGTTCGGCCGCTTCCCGAGGCGTTTTGGGAGGCCGCGCTTCGGCGGGCGCTCCCT
 CGCAGTGCCTGTCGAGCCCCAGCTCTCCCGCCCGACGTCAGCCCGGGCTGAGGGCGCTCCCGCTTC
 GCCAGCGCTGGACGCTGCTGCTTCGGCCTTCAAAGGGCCCTACGCCCCCTGGGAGCTGCTGTCGGCCGGG
 GCTCCGGGGAAGTGTGGTTCGACAGGAAGCTTCCAGACCACCCCGAGGCACGCTTTCCGCCGTGGGGA
 CCAAGGTCGAGGACCTGCTGTCCATCAGCTGCCCCGCGGAGCTGCCCCGGTCCGGCTAGCAGACTCTACCC
 GCCAGGGGCTACGATGCCTTCTCGCTGGCCCCAGGTGACTTAGGGGAGGGGACCGAGGGCTCCCGGCG
 CTGCTGACCCCTCCGGGCGGGGAGGGAGGGAGCGCGCGGAAGGCGGAGAGTTCTTGCCCGTCCCTCAAG
 CGCAGCTGTCCCGCTGGGCTGCGCGGCGCGCCACGGCAGACTTCTCCAAAGCCCTGGTGGCCGACCT
 CCCGGGGGCGAGCGAGTGGCGGCGCTTCATCCCCGCCACCTCCTTCCCGCGGCCAAAGCCCGGCGC
 AAGGACGCGCGGGGCGGCAAGTGCAGCGCGCGCTGCTTCTGCCCGCGGCCGACGTCAGGCCTTCGCT
 GCCCGTGGAGAGCTGCTGCGGACGTTGCGCGCTCCGACGAGTCAACGCCACCTGCGCATCCACAC
 GGGCCACAAGCCCTTCCAGTGCAGCATCTGCTGCGCAACTTCAGCCGCGAGCAGCACCTACACGACAC
 GTGCGCACCCACACCGCGGAGAAGCCCTTCGCTGCGACGTGTGCGGCCCGCGCTTCGCGCGCAGCGACG
 AGAAGAAGCGACACAGCAAGGTGCACCTCAAGCAGAAGGCGCGCGCGAGGAGCGCTCAAGGGCTGGG
 CTTCTACTCGCTGGGCTCTCTTCGCCGCGCT**G****TA****G**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019137
- 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_019137.1, NP_062010.1
RefSeq Size: 2145 bp
RefSeq ORF: 1437 bp
Locus ID: 25129
UniProt ID: Q00911
Cytogenetics: 4q34
Gene Summary: acts as a transcriptional activator [RGD, Feb 2006]