

Product datasheet for SC303101

EGR4 (NM_001965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EGR4 (NM_001965) Human Untagged Clone
Tag:	Tag Free
Symbol:	EGR4
Synonyms:	AT133; NGFI-C; NGFIC; PAT133
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001965 edited
 ACCACCATGCTCCACCTTAGCGAGTTTTCCGAACCCGACGCGCTCCTCGTCAAGTCCACT
 GAAGGCTGTTGCGCCGAACCCAGCGCTGAATTGCCCGGCTGCCAGGGACGCTCCC
 GCGGCCACCGGCTACCCTGGAGCAGGCGACTTCTTGAGCTGGGCTTTGAACAGCTGCGGC
 GCAAGTGGGGACTTAGCCGACTCCTGCTTCTGGAGGGGCTGCGCCACACCCCTCCC
 GGCTCAGCTACAGCGGTAGCTTCTTATTAGGAGTGCCTGAGCAGTGCCTGAGCAGTGCCTG
 GAGGACTCTTCAACCTCATGTGCGGCATCTTAGGCTGGCACCCTTCCCCTGTCAGAG
 GCAGCAGCGTCCAGATCCCCGCTGGATGCCCTTTTCTGCGGGTCCGATGCCTTGCTG
 CCGGGTCCGCGGACCTTACTCCCCGATCTGGGCGCTGCCCTTTCCAGAGGCGTTC
 TGGGAGGCTCGCTTGGCGGGTGCCTTCCGAGTGCCTGTATGAGCCTCAGCTCTCC
 CCGCCGACGTCAAGCCCGGCTCCGGGCGCTCCCGCTCGCCAGCGCTGGACGCTGTC
 TCTGCCTCAAGGTCCTACGCGCCCTGGGAGCTGCTTCTGTGGGGGCCAGGGAAC
 TGTGGTCAAGGAGACTACCAGGCGCCCGGAGGCTCGTTTTCCCGTAATAGGGACC
 AAGATTGAGGACTTGCTGTCCATCAGCTGCCCTGCGGAACTGCCGGCCGTCAGCCAAC
 AGACTCTATCCCAGCGGGGCTATGACGCTTCCCCTGGCCCGGGTGACTTAGGGGAG
 GGGGCTGAGGGCTCCCTGGGCTCTGACCCCTCCTAGTGGGGAGGGAGGAGTAGCGGC
 GACGGCGAGAGTTTCTGGCCAGTACGACGCTCAGCTTCCCCTGGGCTTCCGAGC
 GCCCGCGGCGGACTTCCCTAAACCTTGGTGGCGGACATCCCTGGAAGCAGTGGCGTG
 GCTGCACACCCGTGCCCGCGCCGCCACCCCTTTCCCCAGGCCAAGGCGGACGCG
 AAGGGGCGCCGCGCGGAAATGCAGCAGCGCTGCTTCTGCCCGCGGCCAGCAGCAAG
 GCCTTCGCTTGCCTGGTGGAGATTGTGTGCGGAGCTTTGCGCGCTCCGACGAGCTCAAT
 CGCCACCTGCGCATCCACACGGGCCACAAACCCTTCCAGTGCCGATCTGCCTCCGCAAC
 TTCAGCCGACGACACCTCACCACGCAGTGCACCCACACCGGCGAGAAGCCTTTT
 GCTTGGCAGCTGTGCGCCGCGCTTCCGCGCAGCGATGAGAAGAAACGGCACAGCAAG
 GTGCACCTCAAGCAGAAGGCGCGCCGAGGAGCGGCTCAAGGGCTCGGCTTTTACTCG
 CTGGGCTCTCCTCGCTTCTCTGAGCAAGAGATGGGTTTATGGGTTAAGGGC



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Restriction Sites:	Please inquire
ACCN:	NM_001965
Insert Size:	1500 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001965.1.
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:	<ol style="list-style-type: none"> 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_001965.1 , NP_001956.1
RefSeq Size:	2169 bp
RefSeq ORF:	1461 bp
Locus ID:	1961
UniProt ID:	Q05215
Cytogenetics:	2p13.2
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]