

Product datasheet for **MC227086**

Egr3 (NM_001289927) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Egr3 (NM_001289927) Mouse Untagged Clone
Tag: Tag Free
Symbol: Egr3
Synonyms: Pilot
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227086 representing NM_001289927
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGACATCGGTCTGACCAACGAGAAGCCCAATCCGGAACCTCTTTATTCGAGCTCTTTCCAGCCAGCCC
 CCGGCAACAAGACCGTGACCTACTTGGGAAAGTTCGCTTTCGACTCTCCTTCCAAGTGGCCAGGACAA
 CATCATTAGCCTCATGAGTGCCGGCATCTTGGGGTGCCTCCGGCCTCAGGGGCGCTCAGTACGCAGACG
 TCCACGGCTAGCATGGTGCAGCCTCCTCAGGGAGACGTGGAGGCCATGTATCCGGCGCTGCCTCCTTATT
 CCAACTGCGGGCATCTCTACTCGGAGCCCGTGTCTTTCCACGACCCCCAGGGAAACCCTGGGCTCGCCTA
 TTCCCCCAGGATTACCAATCGGCCAAGCCGGCCTTGGACAGCAATCTTTTCCCATGATTCTGACTAC
 AACCTGTACCACCATCCAACGACATGGGCTCCATTCCGGAACATAAGCCCTTCCAGGGCATGGACCCCA
 TCCGGGTCAACCCACCCCTATTACCCACTGGAGACCATCAAGGCCTTCAAAGACAAGCAGATCCACCC
 GGGATTCGGCAGCCTGCCCAACCGCCGCTCACTCTCAAGCCATCCGGCCCCGCAAGTACCCCAATCGG
 CCTAGCAAGACCCCGCTCCACGAGCGGGCCACGCGTGTCCCGGGAAGGCTGTGACCCCGTTCAGCC
 GCTCAGACGAGCTGACCCGGCACCTGCGCATCCACCGGGCCACAAGCCCTTCCAGTGTCCGATCTGCAT
 GCGCAGCTTCAGCCGCAGCGACCACCTACCACTCACATCCGCACGCACACCGGGGAGAAGCCCTTTGCC
 TGTGAGTTCTGTGGGCGCAAGTTTGCAGCAGCGACGAGCGCAAGCGCCACGCCAAGATCCACCTCAAGC
 AAAAGGAGAAGAAGTCGGAGAAAGGGGTGCGCCCTCTGCATCTCGGCGCCACCGTGTCCCTGGCCCC
 TGTGGTACCACCTGCGCCTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001289927



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Insert Size:	1002 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001289927.1</u> , <u>NP_001276856.1</u>
RefSeq Size:	3799 bp
RefSeq ORF:	1002 bp
Locus ID:	13655
Cytogenetics:	14 D2
Gene Summary:	<p>Probable transcription factor involved in muscle spindle development.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate first exon compared to variant 1. The resulting isoform (3) is shorter at the N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>