

Product datasheet for MR229297

Egr3 (NM_001289927) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Egr3 (NM_001289927) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Egr3
Synonyms: Pilot
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229297 representing NM_001289927
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGGACATCGGTCTGACCAACGAGAAGCCCAATCCGGAATCTCTTATTCGAGCTCTTTCCAGCCAGCCC
CCGGCAACAAGACCGTGACCTACTTGGGAAAGTTCGCTTCGACTCTCCTTCCAAGTGGCCAGGACAA
CATCATTAGCCTCATGAGTGCCGGCATCTTGGGGTGCCTCCGGCTCAGGGGGCTCAGTACGCAGACG
TCCACGGCTAGCATGGTGACGCTCCTCAGGGAGACGTGGAGGCCATGTATCCGGCGCTGCCTCCTTATT
CCAAGTCCGGGATCTCTACTCGGAGCCCGTGTCTTTCCACGACCCCCAGGGAAACCCTGGGCTCGCCTA
TTCCCCCAGGATTACCAATCGGCCAAGCCGGCCTTGGACAGCAATCTTTTCCCATGATTCTGACTAC
AACCTGTACCACCATCCAACGACATGGGCTCCATTCCGGAACATAAGCCCTTCCAGGGCATGGACCCCA
TCCGGGTCAACCCACCCCTATTACCCACTGGAGACCATCAAGGCCTCAAAGACAAGCAGATCCACCC
GGGATTCGGCAGCCTGCCCAACCGCCGCTCACTCTCAAGCCATCCGGCCCCGCAAGTACCCCAATCGG
CCTAGCAAGACCCCGCTCCACGAGCGGCCCCACGCGTGTCCCGGGAAGGCTGTGACCCCGTTTCAGCC
GCTCAGACGAGCTGACCCGGCACCTGCGCATCCACAGGGCCACAAGCCCTTCCAGTGTCCGATCTGCAT
GCGCAGCTTACGCCGACGACACCTCACCCTCACATCCGACGACACCCGGGAGAAGCCCTTTGCC
TGTGAGTTCTGTGGGCGCAAGTTTGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
AAAAGGAGAAGAAGTCGGAGAAAGGGGTGCGCCCTCTGCATCTCGGCGCCACCGTGTCCCTGGCCCC
TGTGGTACCACCTGCGCC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

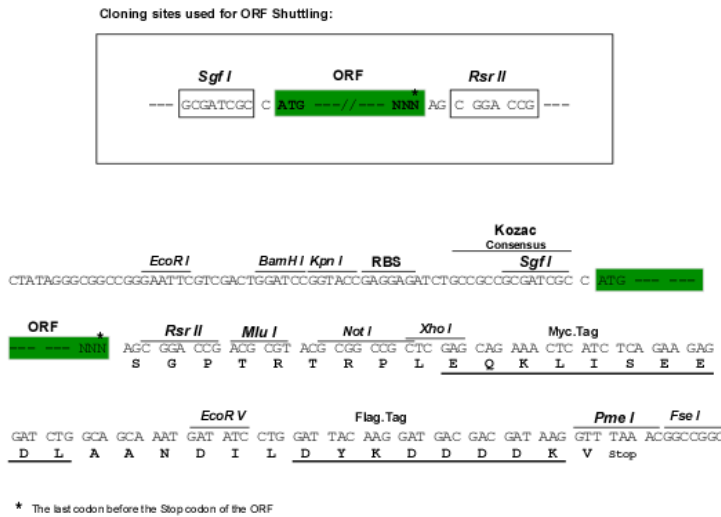
Protein Sequence: >MR229297 representing NM_001289927
Red=Cloning site Green=Tags(s)

MDIGLTNEKPNPELSYSSSFQAPGNKTVTYLGKFAFDSPSNWCQDNIISLMSAGILGVPPASGALSTQT
 STASMVQPPQGDVEAMYPALPPYSNCGDLYSEPVSFHDPQGNPGLAYSPQDYQSAKPALDSNLFPMIPDY
 NLYHHPNDMGSIPEHKPFQGMPIRVNPPPIPTLETIKAFKDKQIHPFGSLPQPPLTLKPIRPRKYPNR
 PSKTPLHERPHACPAEGCDRRFSRSDDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPF
 A CEF CGRKFARSDEKRHAKIHLKQKEKSEKGGAPSASSAPT VSLAPVVTTC A

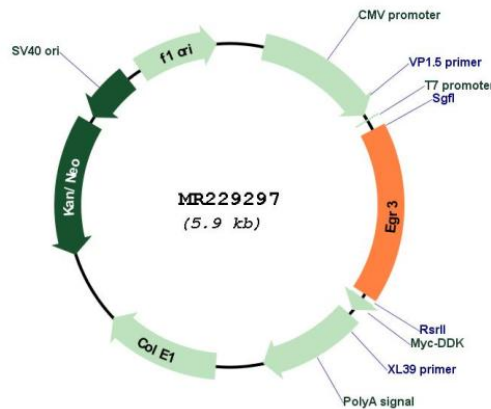
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001289927

ORF Size: 999 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001289927.1 , NP_001276856.1
RefSeq Size:	3799 bp
RefSeq ORF:	1002 bp
Locus ID:	13655
Cytogenetics:	14 D2
MW:	37.2 kDa
Gene Summary:	Probable transcription factor involved in muscle spindle development.[UniProtKB/Swiss-Prot Function]