

Product datasheet for **RR204342**

Meig1 (NM_001134882) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Meig1 (NM_001134882) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Meig1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204342 representing NM_001134882
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCTACTTCTGACGTGAAACCAAAATCAATAAGTCGTGCCAAGAAATGGTCAGAGGAGATAGAAAATC
TGTACAGATTTTCAGCAAGCAGGCTACCGGGATGAAATCGAATACAAACAAGTAAACAAGTTGCCATGGT
AGACCGTTGGCCAGAGACAGGATATGTGAAGAACTTCAGCGGAGGACAATACTTTCTACTACTACAAT
AAACAGAGAGAGTGCGAGGACAAGGAGGTCCACAAAGTGAAGATTTACGCGTAC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204342 representing NM_001134882
Red=Cloning site Green=Tags(s)

MATSDVKPKSISRKKWSEEIENLYRFQQAGYRDEIEYKQVKQVAMVDRWPETGYVKKLQRRDNTFYFFYN
KQRECEDKEVHKVKIYAY

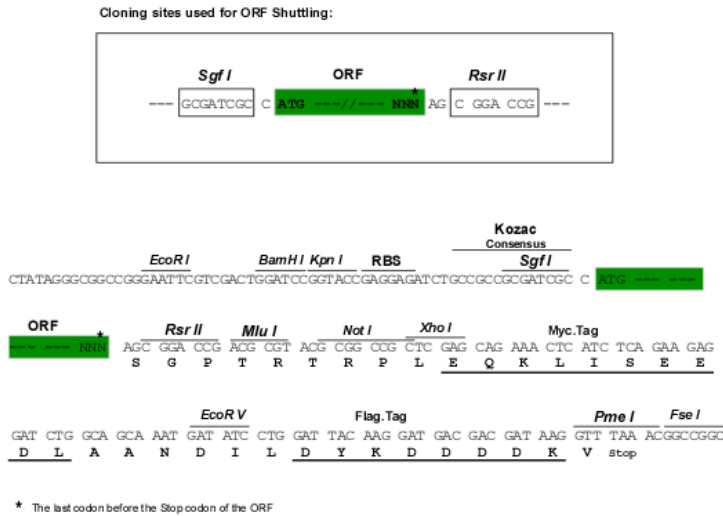
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

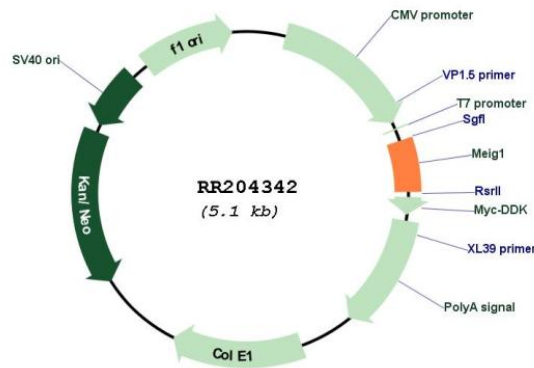


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001134882

ORF Size: 264 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_001134882.1 , NP_001128354.1
RefSeq Size:	566 bp
RefSeq ORF:	267 bp
Locus ID:	679834
Cytogenetics:	17q12.3
MW:	10.8 kDa