

Product datasheet for RR215695

Eif4e3 (NM_001106612) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif4e3 (NM_001106612) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Eif4e3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR215695 representing NM_001106612
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTGCCCCGGCTGCCGCGCCCCCGGGGCTAGCGAGCCTCTCGGCAAGGCTCTGTGGCGCTGC
 AGCCGGAGCCGGGAGCATCCCCTGCACTCGCCCTGGACCTTCTGGCTGGACAGATCACTTCTGGTGC
 CACGGCAGCTGAGTGTGCCTCGAACCTGAAGAAGATCTACACGGTGCAACAGTGCAGATATTCTGGAGT
 GTGTACAACAACATCCCTCCTGTGACCAGCCTGCCTTTGAGATGTAGTTACACTTAATGAGAGGAGAGA
 GCGCACCCTGTGGGAAGAGGAGATAATGCAAAGGGAGGTGTGTGGAAGATGAAAGTCCCAAGGACAG
 CAGCTCCACAGTTTGGAAAGAATTGTTGTTAGCGACCATTGGGGAGCAATTCACAGACTGTGCTGCAGCA
 GATGACGAGATCATAGGAGTCAGCGTGAGCGTTTCGGGACAGAGAGGATGTGGTCCAGGTGTGGAATGTCA
 ATGCCTCACTAGTGGCGAAGCTACTGTGCTAGAGAAGATCCACCAACTCCTTCCCACATATCTTTTAA
 AGCAGTGTTTTATAAACCCCATGAAGAGCATCATGCTTTTGAAGGTGGACGTGGAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215695 representing NM_001106612
 Red=Cloning site Green=Tags(s)

MALPPAAAPPGASEPLGKALSALQPEPGSIPLHSPWTFWLDRLPGATAAECASNLKKIYTVQTVQIFWS
 VYNNIPPVTSPLRCSYHLMRGERRPLWEEESNAKGGVWKMVKPKDSTSTVWKELLLATIGEQTDCAAA
 DDEIIGVSVSRDREDVVQVWVNASLVGEATVLEKIHQLLPHISFKAVFYKPHHEHHAFEGGRGKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001106612

ORF Size: 621 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:

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_001106612.1](#), [NP_001100082.1](#)

RefSeq Size: 2542 bp

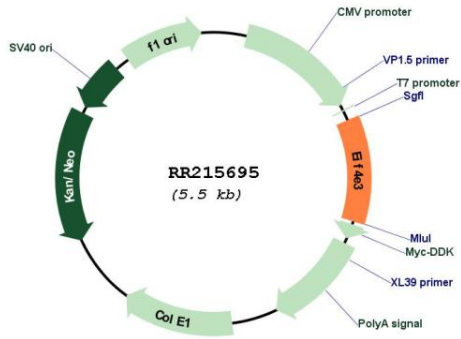
RefSeq ORF: 624 bp

Locus ID: 297481

Cytogenetics: 4q34

MW: 22.8 kDa

Product images:



Circular map for RR215695