

Product datasheet for RN212121

Eif4e (NM_053974) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif4e (NM_053974) Rat Untagged Clone
Tag: Tag Free
Symbol: Eif4e
Synonyms: MGC93265
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN212121 representing NM_053974
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACTGTGGAACCGGAAACCACCCCTACCACTAATCCCCACCTGCGGAAGAGGAAAAACAGAGT
CTAATCAGGAGGTTGCTAATCCAGAGCACTATATTAACACCCTCTACAGAACAGGTGGGCACTCTGGTT
TTTTAAAAATGATAAAAGCAAACCTGGCAAGCAAACCTTCGGTTGATCTCTAAGTTTGACTGTTGAA
GACTTTTGGGCTCTATAACAACATATCCAGTTGTCTAGTAATTTAATGCCTGGCTGTGACTACTCACTTT
TTAAGGATGGTATTGAGCCTATGTGGGAAGATGAGAAAAACAAACGGGGAGGACGATGGCTAATTACATT
GAACAAGCAGCAGAGACGAAGTGACCTCGATCGCTTTTGGCTAGAGACTGCTGTGCCTTATTGGAGAA
TCTTTTGTGACTACAGTGATGACGTGTGTGGAGCTGTTGTCAATGTTAGAGCTAAAGGTGATAAGATAG
CAATATGGACGACTGAATGTGAAAAACAGAGATGCAGTCACACACATAGGGAGGGTATACAAGGAAAGGTT
AGGACTTCCTCCGAAGATAGTGATTGGTTATCAGTCCCACGCAGACACAGCTACAAGAGCGGCTCCACC
ACTAAAAATAGGTTTGTGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053974
Insert Size: 654 bp



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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).
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_053974.2 , NP_446426.1
RefSeq Size:	2395 bp
RefSeq ORF:	654 bp
Locus ID:	117045
UniProt ID:	P63074
Cytogenetics:	2q44
Gene Summary:	binds to the mRNA 7-methylguanosine cap and mediates mRNA binding to the 40S ribosome in the rate limiting step in translational initiation [RGD, Feb 2006]