

Product datasheet for **MR200954**

Eif1ax (NM_025437) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif1ax (NM_025437) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Eif1ax
Synonyms: 1500010B24Rik; AI426898; eIF-4C; Eif1ay
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200954 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCAAGAATAAAGGAAAAGGAGGCCAAAACCGGCGTAGAGGCAAAAATGAGAATGAATCTGAAAAGC
 GAGAGCTTGTGTTCAAGGAGGATGGGCAAGAATATGCTCAAGTAATCAAATGTTGGAAACGGACGATT
 AGAAGCCATGTGTTTTGATGGTGTAAAGAGACTGTCCACATCAGAGGAAATGAGAAAAAGGTTTGG
 ATAAATACCTCAGATATCATATTGGTGGGCTACGAGATTACCAGGACAACAAGCCGATGTCATTTTAA
 AATACAACGCAGATGAAGCTAGAAGTCTCAAGGCCTATGGCGAGCTTCCAGAGCATGCTAAAATCAATGA
 AACTGATACATTTGGTCCTGGAGATGATGATGAAATTCAGTTTGATGACATTGGGGATGATGATGAAGAC
 ATCGATGATATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200954 protein sequence
 Red=Cloning site Green=Tags(s)

MPKNKGKGGKNRRRGKNENESEKRELVFKEDGQEYAQVIKMLGNRLEAMCFDGVKRLCHIRGKLRKKVW
 INTSDIILVGLRDYQDNKADVILKYNADERSLKAYGELPEHAKINETDTFGPGDDDEIQFDDIDGDDDED
 IDDI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_025437

ORF Size: 435 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_025437.5](#)

RefSeq Size: 926 bp

RefSeq ORF: 435 bp

Locus ID: 66235

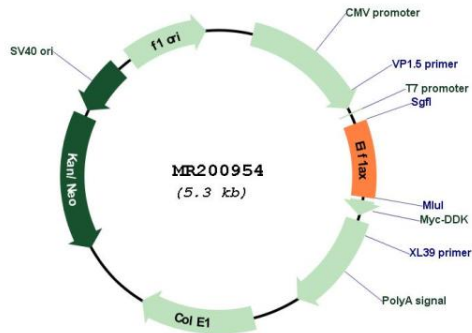
UniProt ID: [Q8BMJ3](#)

Cytogenetics: X F4

MW: 16.5 kDa

Gene Summary: Seems to be required for maximal rate of protein biosynthesis. Enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200954