

Product datasheet for **MC201492**

Eif1ax (NM_025437) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif1ax (NM_025437) Mouse Untagged Clone
Tag: Tag Free
Symbol: Eif1ax
Synonyms: 1500010B24Rik; AI426898; eIF-4C; Eif1ay
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027284 sequence for NM_025437
ACCAGCCTCTCCTGAGCAGCCTTCCCGACCTCCCGCACGGTCTTCGTGGCGCGCACTTCTCGGCGTTGCC
CGTCGGAGTCACCGCAGTTCCTGCGCCAGCCTGAGTGCGGTCCACACGCTGCCAGCCAGTCTTTGCGG
CCATGCCCAAGAATAAAGGAAAAGGAGGCAAAAACCGGCTAGAGGCAAAAATGAGAATGAATCTGAAAA
GCGAGAGCTTGTGTTCAAGGAGGATGGGCAAGAATATGCTCAAGTAATCAAAATGTTGGGAAACGGACGA
TTAGAAGCCATGTGTTTTGATGGTGAAAGAGACTGTGCCACATCAGAGGGAAATTGAGAAAAAGGTTT
GGATAAATACCTCAGATATCATATTGGTGGGGCTACGAGATTACCAGGACAACAAAGCCGATGTCATTTT
AAAATACAACGCAGATGAAGCTAGAAGTCTCAAGGCCTATGGCGAGCTTCCAGAGCATGCTAAAATCAAT
GAAACTGATACATTTGGTCTGGAGATGATGATGAAATTCAGTTTGTGACATTGGGGATGATGATGAAG
ACATCGATGATATCTAAAGCGAACTCAACATTTTACATTCAGTCTTCCGGAAGATTGTCCTTCAAGTTT
GGAATCTGGCCATAGACCTCAAAGAAAAATTTTCACTATCATCTTAATTGTAATTTGTTGAGGCAGATTT
GATATTACAGTCTTTGAAAACTGTTAACTGATACGCTAAGTCCACTTTGTTGATTTCGATTCAATGGTCC
TTAAGACTGTTTAAAGCAAAAAGCCTTTCTACTTTGACCCCTTCCAGTAAGTAAATGGGTGTTTTGAAT
AAACCATTTGCCTTGTGCTCAGTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025437

Insert Size: 435 bp

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).



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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: [BC027284](#), [AAH27284](#)

RefSeq Size: 878 bp

RefSeq ORF: 435 bp

Locus ID: 66235

UniProt ID: [Q8BMJ3](#)

Cytogenetics: X F4

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]