

Product datasheet for MC201951

Eif4enif1 (NM_023743) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eif4enif1 (NM_023743) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eif4enif1
Synonyms:	2610509L04Rik; A930019J01Rik; AA410001; AU021239; Clast4; D11ErtD166e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC033410 sequence for NM_023743

```

CGCGGCGGCCGAGGCGCAGGGCCCGCCGCGGGCGCTCCCAGCAAGGGTGCAAAAATATTGTACACC
AAGAAGCCATGGAGAAAAGTGTGGCTGAAACAGAAAAATGGAGATGCTTTCCTTGAGCTGAAGAACTGCC
CACCTCCAAATCCCCCATCGCTATACGAAAGAGGAGCTCTGGATATAAAGAAGCTCCATACTCCAAG
CAGAGGCCATCATGCCTCTCTGAAAAATATGACAGTGATGGTGTCTGGGACCCTGAGAAAGTGGCATGCCT
CTCTCTACCCAGCCTCGGGGCGGAGCTCACAGTGGAAAGTCTGAAGAAAGAGTCAGAATCCGATCGACC
TTCTCTGGTGCGCAGAATAGCAGATCCACGAGAGCGAGTGAAGAAGATGACTTAGATGTTGTTCTCAGC
CCACAGAGACGAAGCTTTGGAGGTGGCTGCCATGTGACAGCTGCTGTTAGCTCCCAGCATCTGGCAGTC
CATTGGAGAAAGACAGTGATGGACTTCGCCTGCTTGGTGGACGAAGAATTGGCAGTGAAGGATAATTTT
TGCCCGGGCCTTTGAAAAGGATCACCGTCTCAGTGATAAGGACCTGCGAGACTTGAGAGACCGAGACAGA
GAGAGGGACTACAAGGACAAACGTTTCAGGAGGGAGTTTGGAGATAGTAAACGTGCTTTTGGTGAGCGTA
GAAGAAACGATTCATACACTGAGGAAGAACCAGAATGGTTTTTCAGCTGGACCCACCAGTCAGTCTGAAAC
CATAGAGCTGACTGGCTTTGATGATAAGATTCTAGAGGAGGATACAAAGGCAGAAAAAGAACAAGGCGA
CGGACTGCCTCTGTGAAGGAAGGCATAGTGGAGTGCAATGGAGGGGTGGCTGAAGAGGACGAGGTGGAAG
TCATTCTGGCCCAGGAGCCCTCTGCTGATCAGGAAGTTCCAAGGGATGTCATCCTACCTGAGCAGTCCCC
AGGAGAATTTGACTTTAATGAATCTTTAACCTTGATAAGGTGCCATGCTTGGCTTCGATGATAGAAGAT
GTTCTGGGGGAAGGATCGGTCTCTGCCAGCCGCTTCAGTAGGTGGTTCTTAACCAAGCCGGTCAGGGA
GCAGATCCAGCAGCCTTGATCCACACCCCATGAAGAATTGAGAGACTGGCAGGTTTGGAGCAAGCCGT
CCTCTCTCTGGACAGAACTCGGGGAATTAATTTTGTCTTATACCATCGGAAGACCATGCTGAAAATAAA
GTGGACATTTTAGAAAATGCTACAGAAAAGCCAAAGTAGATTTAAAACCTTCTTTTCTAGCCTTTCTGCAA
ATAAAGAAAAAATAAGGAGAGCTCACATTCAGGGTGTACTTTCAAGTGAAGAGGTAGAAGCAGGGCT
GAAGGGCTTGAAAGTGGACCAGCAAAATGAAGAATCAACTCCCTTCATGGCAGAACATTTAGAGGAGACC
CTGAGTGTGCGAGTAGCAATAGACAGCTCAAGAAAGATGGAGATATGACTGCATTCAACAAGCTAGTGA
ACACCATGAAGGCAAGTGAAGTGGCTACCCAGCCAAAGTCAGTCGAAACGTTGAAAGTCACTTATT
GGCCCCTGCTGAGATCCAGGCCAGCCTGTTTCTAAAAACATCCTACAGGAACTTCTGGTCAACCCGGT
CAGAGACCCGCTTCTTCCAATCTTCTCAGTGGCCTTATGGGAGCTTGGAGGCTACTGCATCTTTATTGA
GCCAAAGAGCGCCCTCTCTCCAATGTCACAGGATTTTGAACCTAAGCAGCCTCAGCAGACTACCTTCA

```



[View online »](#)

TCCAAGGATACCATCACCAATAGGTTTCCCTTCAGGACCCAGCAACTACTTGGAGATCCATTCCAAGGC
 ATGCGCAAGCCCATGAGTCCTGTCTCAGCCAGATGAGCCAGCTAGAATTGCAGCAAGCTGCTTTGGAGG
 GGCTGGCCCTACCACATGACCTTGACGTCCAGACAGCACCCCTTCTACCAGCCTGGTTTTAGCAAACCACA
 AGTGGACAGAACCAGAGATGGGCTCAGAAAACAGGCAACAGCGAATGTCAAAGTCACCAGCACCCATGCAT
 GGTGGAATTCCTCTTCCCAGCTCCTGCTGCCTCCATCACAAGCATGCTTCTCCTTCCCTCACCCTA
 CCTCAGTGATCCGGAAGATGTATGAAAGCAGAGAGAAAACCAAGGAGGAAATGGCACCTGGAATGGTGTT
 TCCTGGTGATGGTAAAGAGGATACTCAGAAGACCAGCGAAGAGAACCTGCTGTCATCCAATCCCATACCC
 AATACTGATCAAGACTCTTCTACGACAAAATCCTAAGCTTTCAACATTACAGCGGTCTTCATGTTCCACCC
 CACTCTCCAGACAGCCGTTATACCAAAGAACAAGATTATCGACCTAAAACAGCAGGAAGGAAAACACC
 TACCTTGGCATCCCCAGTCCCAGGAACACCTTTTCTCCGCCCTACCCACCAAGTCCCCTTGTCCCTCAT
 GTTCTATTGTTGACCTGCACACCAGCTTCAACCAGGATTAGTCCAAAGGTTGATAGCCCAAGGGGTAC
 ATCCACAGCATCTTCCAAGTTTGTCCAAGCTGGTGTGCTTCTCCTGGGATAGACATGGCTCCTTTACA
 GGGGCTATCTGGCCCACTCCTGGGTCAACCCTGTACCCTTTGGTCTCTGCTGCTAGTACCCTCTCCTA
 AACCTCGTCTGGGACCCCTCTGCATTTGGCGGTGATGCAGCAGCAGCTACAGCGCTCAGTTCTGCATC
 CTCAGGCTCTAGTTCCCAGGCAGCAGCTATCAGCGTTCAGACTCCTCAGATGTACCCAGCCGGTCGGG
 CATGCCCCACATGCACTCCCAGCTGGAGCATCGTACCAGCCAAAGGAGCAGCTCCCTGTGGCCTTGCC
 AAATGGTTTGGCTCAGATGTGCTACAGCAGCCTCTGCCCTCCATGCCACCAAAGTCATCAGTGTAGATG
 AACTGGAATATAGACAGTGAAGAGGGCAGGCTGGCTCACCCATACCTGGACCTGTGGTGACACCCTGGTC
 ATGACTCTCATTCCCTCTTTGTAATGGGCTTTTACATTGGAGCACACTATGTGAAGATGTTTAGGGGATC
 CACATACCTACCATGATCTACATTATGACAGAAGGCTGTTAAATCGAATGAACCTACATGGTTCAAATAC
 AAGGGATACAAGATTGTCAAGTCTGAAAGTCTTTTCTTTTATAAAATATGTGAATGAAGTGTGGTGTCTT
 CTAGAGGTGACACCTAAGGGTCTGAAAAATAAAATGTATAGACCCTTATGTACAGACCTGTGTATAAA
 CTTTTGTACATACAAATAGGGTAGCTTTTTTTGAACTTATACATACAGCTGTACATAAAGTAACTATCAG
 TTAGGCTTGTGTCAACTGTTGGATTTTTTCACTTGAATATTTGGGACTTTTTCTTTTGGTTTTATTA
 AGTTACATATGCCACGTGTGTAACGATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_023743

Insert Size: 2952 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).

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: [BC033410](#), [AAH33410](#)

RefSeq Size: 3544 bp

RefSeq ORF: 2952 bp

Locus ID: 74203

UniProt ID: [Q9EST3](#)

Cytogenetics: 11 2.24 cM

Gene Summary: Nucleoplasmic shuttling protein, which inhibits translation initiation. Mediates the nuclear import of EIF4E by a piggy-back mechanism.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1 and 2 both encode isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.