

Product datasheet for **RN201442**

Eif2a (NM_001109339) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eif2a (NM_001109339) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif2a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN201442 representing NM_001109339
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCACACTTCACAGAGACACAGTGTCTCCAAGAGAACCTGGAAAAAATTGCAAAGTCTATAC
 TTTTAGTAAGGATGGACATTGTTTGCCTGGAGCAATGGAGAAAAATTCCTTGAATTTTACCAAACAA
 CACTGTCTGGCAACGTGGCAGCCTTACTACTTCTAAAGATGGTACAGCTGGGACCCCTAACCTACAA
 CTTTATGACGTGAAGACTGGAACATGTTTAAAACTTTTACACAGAAAAAATGCAGAATTGGTGTCTT
 CCTGGTCAGATGAAATTTTGTGCCCGGAATGTTAAACAATGAAGTTCACCTCTTTGAGAACAACAA
 TTTTAAACACAATTGCAAATAAATTACATTTGCAAAAAGTTAATGACTTTAATTTATCACCTGGAACCCAA
 CCTTTTAAAGTTCGAGTTTATGTCCCTGGAAGTAAAGGTGCACCTTCATTTGTTAGATTATATCAGTACC
 CCAACTTTGCTGGACCCCAAGCCGCACTGGCCAATAAAAAGCTTCTTTAAAGCCGATAAGGTTACGATGCT
 GTGGAATAAAAAAGCTACTGCTGTGCTGGTAATAGCCAGTACAGATGTTGACAAGACAGGCGCTTCTAC
 TATGGGGAACAAACACTGCACTACATTGCGACAATGGAGAAAGTGTGTAGTACAATTACCCAAAATG
 GCCAATTTATGATGTAGCTTGGAACTCCTAGTTCTACGGAGTTTTGTGCTGTTTATGGTTTTATGCCTGC
 GAAAGCAACAGTTTTTAACTGAAGTGTGATCCTGTGTTTGAATTTGGGACTGGTCTCGCAACGCGAGCA
 TTCTATAGCCCTCATGGACATATATTAGTACTGGCTGGATTTGAAAACCTTCGAGGACAAATGGAAGTAT
 GGGATGTTAAAACTACAAGCTTATTTCTAAGCCTGTGGCTTCTGATTCTACATTTTTGCCTGGTGCCC
 AGATGGTGAGCATATCTAACAGCCACGTGTGCTCCTAGGTTACGTGTTAATAATGGGTATAAGATTTGG
 CATTACACTGGCTCTCTTTGTATAAGTATGATGTGCCATCCAATGGCGAATTGTGGCAGGTTTCTTGGC
 AGCCATTTTGGATGGAATATTTCCAGCAAAAACGATAACGTACCAAGCAGTTCCTCAAGTGAAGTGCCTAG
 TGAGGAGCCTAAAGTTGCAACAGCTTATAGACCTCCAGCCTTAAGAAATAAACCAGTCACCAGTTCCAAG
 CTGCATGAAGAGGAACCTCCCCAGAATATGAAGCCACATCCATCAAGTGACAAGCCATTATCAAAAAACAG
 CCCTTAAAAATCAAAGGAAGCATGAAGCTAAAAAGCTGCAAAACAGGAGGCAAGAAATGATTTGGCTCC
 TACTCCTGTCCCACAGAGTGCACCACGGAGCACTGTCAACCAGTCTGCTTCGGGTGATCCTGAAGTAGAC
 AAAAAAATTAAGAATCTAAGAAGAAACTGAAAGCGATAGAGCAGCTGAAAGAGCAGGCAGCCGCTGGGA
 AGCAGCTAGAGAAAAATCAGTTGGAGAAAATTCAAAAAGAGACAGCCCTTCTCCAAGAATTGAAGATT
 GGAATTGGGAGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109339

Insert Size: 1626 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: [NM_001109339.1](#), [NP_001102809.1](#)

RefSeq Size: 2012 bp

RefSeq ORF: 1626 bp

Locus ID: 502531

Cytogenetics: 2q26