

Product datasheet for **RN209279**

Eif4b (NM_001008324) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eif4b (NM_001008324) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif4b
Synonyms:	MGC94923
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN209279 representing NM_001008324
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCCTCAGCAAAAAAGAAGAATAAGAAGGGGAAGACCATCTCCCTAACAGACTTTCTAGCTGAGG
 ATGGGGAACTGGTGGAGGAAGCACCTATGTCCCAAACCAAGTCAGCTGGGCTGATGAAACAGACGATCT
 GGAAGGAGATGTGTCAACAACCTTGGCATAGTAACGATGACGATGTGTACAGGGCACCTCCTATTGACCGT
 TCCATCCTTCCCACTGCTCCACGGGCTGCTCGGGAACCAATATTGATCGGAGCCGCTTCCCAAGTCAC
 CACCCTACACTGCTTTCTAGGGAATCTGCCCTATGATGTGACAGAAGACTCTATTAAGGATTTCTTTAG
 AGGATTAATATCAGCGCTGTACGCTTGGCGCTGAGCCAGCAATCCAGACAGGTTGAAAGTTTTGGC
 TATGCCGAATTTGAGGATCTGGATTCTCTGCTCAGTGCTGAGTCTCAATGAAGAGTCTCTAGGTAACA
 GGAGAATTCGGGTGGATGTTGCTGATCAAGCACAGGATAAAGACAGGGATGACCGTTCTTTGGTCGAGA
 TAGAAATCGGATTTCTGACAAGACAGACAGACTGGAGGGCCCGTCTGCCACAGACAGCTTTGATGAC
 TACCCACCTAGACGAGGTGATGACAGCTTCGGAGACAAGTATCGAGATCGTTACGAGTACAGCCGGTATC
 GGGATGGGTATAGGGACGGATATCGGGACGGCCACGCAGAGACATGGACCGCTATGGGGCCGGGATCG
 CTATGATGACCGAGGCAGCAGAGACTATGACCGAGGCTATGACTCCAGGATAGGCAGTGGCAGAAGAGCA
 TTTGGAAGTGGTACCGAGGGATGACGACTACAGAGGAGTGGGGACCGCTATGAAGATCGCTATGACA
 GACGGGACGATCGGTATGGAGCTCCAGGGACGATTACTCTCGGGACGATTACAGGCGTATGACAGAGG
 TCCCCCAAAGACCCAACTGAATCTAAAGCCTCGGAGTACTCCTAAAGAAGATGATTCCTCTGCTAGC
 ACCTCCAGTCCAGCCGAGCGGCTTCTATCTTTGGAGGGGCGAAGCCTGTTGACACAGCTGCTAGAGAAA
 GAGAAGTAGAGGAGCGGCTACAGAAGGAGCAGGAGAAGCTGCAGCGTCAGCTGGATGAGCCAAAATA
 CCGCCGGCCCGGAGAGACACCCAAGTTGGCGAAGTGAAGAACTCAGGAAAGAGAACGGTCGAGGACA
 GGAAGTGAGTCATCGCAGACTGGGACCTCAGCCACATCTGGCAGAAATACACGAAGGAGAGAGAGTGAGA
 AGTCTCTAGAAAATGAAACCCTCAATAAAGAAGAAGACTGCACTCTCCAACCTCTAAGCCTCTAAACC
 TGACCAGCCTCTAAAGGTAAAGCAGCCCTCCACCAAAGGAGAATGCGTGGGTGAAGCGAAGCTCTAAC
 CCTCTGCTCGATCTCAGAGCTCAGACACAGAGCAGCCGTCCTTACAAGTGGTGGAGGGAAAGTTGCTC
 CAGCTCAGCCCTCTGAGGAAGGACCATCAAGGAAAGATGAACTAAAGTGGATGGGTGAGCACCACCAA
 AGGCCAGACTGGACTCCAGCCGTGGTCTGGGGATGGAGGGAGCAGAGACCACTGGAAGGAGTTGGAT
 AGGAAGGACGGCAAAAAGATCAAGACTCCAGATCTGCACCTGAGCCAAAAGAACTCTGAGGAGAACCAG
 CCTCTAAGTTCAGTTCTGCAAGCAAGTACGCTGCTCTGTCTGTGGACGGTGGAGGATGAGGATGAGGGAGA
 CGACTGCACTGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001008324

Insert Size: 1836 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_001008324.1](#), [NP_001008325.1](#)

RefSeq Size: 3682 bp

RefSeq ORF: 1836 bp

Locus ID: 300253

Cytogenetics: 7q36