

## Product datasheet for **RR209279**

### Eif4b (NM\_001008324) Rat Tagged ORF Clone

#### Product data:

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



[View online »](#)

**ORF Nucleotide Sequence:**

>RR209279 representing NM\_001008324  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGCCTCAGCAAAAAAGAAGAATAAGAAGGGGAAGACCATCTCCCTAACAGACTTTCTAGCTGAGG  
 ATGGGGAACTGGTGGAGGAAGCACCTATGTCCCCAAACCAGTCAGCTGGGCTGATGAAACAGACGATCT  
 GGAAGGAGATGTGTCAACAACCTTGGCATAGTAACGATGACGATGTGTACAGGGCACCTCCTATTGACCGT  
 TCCATCCTTCCACTGCTCCACGGGCTGCTCGGGAACCAATATTGATCGGAGCCGTCTTCCCAAGTCAC  
 CACCCTACACTGCTTTCTAGGGAATCTGCCCTATGATGTGACAGAAGACTCTATTAAGGATTTCTTTAG  
 AGGATTAATATCAGCGCTGTACGCTTGCCGCGTGAGCCAGCAATCCAGACAGGTTGAAAGTTTTGGC  
 TATGCCGAATTTGAGGATCTGGATTCTCTGCTCAGTGCTGAGTCTCAATGAAGAGTCTCTAGGTAACA  
 GGAGAATTCGGGTGGATGTTGCTGATCAAGCACAGGATAAAGACAGGGATGACCGTTCTTTGGTCGAGA  
 TAGAAATCGGATTTCTGACAAGACAGACAGACTGGAGGGCCCGTCTGCCACAGACAGCTTTGATGAC  
 TACCCACCTAGACGAGGTGATGACAGCTTCGGAGACAAGTATCGAGATCGTTACGAGTACAGCCGGTATC  
 GGGATGGGTATAGGGACGGATATCGGGACGGCCACGCAGAGACATGGACCGCTATGGGGCCGGGATCG  
 CTATGATGACCGAGGCAGCAGAGACTATGACCGAGGCTATGACTCCAGGATAGGCAGTGGCAGAAGAGCA  
 TTTGGAAGTGGTACCGAGGGATGACGACTACAGAGGAGTGGGGACCGCTATGAAGATCGCTATGACA  
 GACGGGACGATCGGTATGGAGCTCCAGGGACGATTACTCTCGGGACGATTACAGGCGTATGACAGAGG  
 TCCCCCAAAGACCCAACTGAATCTAAAGCCTCGGAGTACTCCTAAAGAAGATGATTCCTCTGCTAGC  
 ACCTCCAGTCCAGCCGAGCGCTTCTATCTTTGGAGGGGCGAAGCCTGTTGACACAGCTGCTAGAGAAA  
 GAGAAGTAGAGGAGCGGCTACAGAAGGAGCAGGAGAAGCTGCAGCGTCAGCTGGATGAGCCAAAAGTGA  
 CGCCCGGCCCGGAGAGACACCCAAGTTGGCGAAGTGAAGAACTCAGGAAAGAGAACGGTCGAGGACA  
 GGAAGTGAGTCATCGCAGACTGGACCTCAGCCACATCTGGCAGAAATACACGAAGGAGAGAGAGTGAGA  
 AGTCTCTAGAAAATGAAACCCTCAATAAAGAAGAAGACTGCTACTCTCCAACCTCTAAGCCTCTAAACC  
 TGACCAGCCTCTAAAGGTAAAGCAGCCCTCCACCAAAGGAGAATGCGTGGGTGAAGCGAAGCTCTAAC  
 CCTCTGCTCGATCTCAGAGCTCAGACACAGAGCAGCCGTCCTTACAAGTGGTGGAGGGAAAGTTGCTC  
 CAGCTCAGCCCTCTGAGGAAGGACCATCAAGGAAAGATGAACTAAAGTGGATGGGTGAGCACCACCAA  
 AGGCCAGACTGGACTCCAGCCGTGGTCTGGGGATGGAGGGAGCAGAGACCACTGGAAGGAGTTGGAT  
 AGGAAGGACGGCAAAAAGATCAAGACTCCAGATCTGCACCTGAGCCAAAAGAACTCTGAGGAGAACCAG  
 CCTCTAAGTTAGTTCTGCAAGCAAGTACGCTGCTGTCTGTGGACGGTGAGGATGAGGATGAGGGAGA  
 CGACTGCACTGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

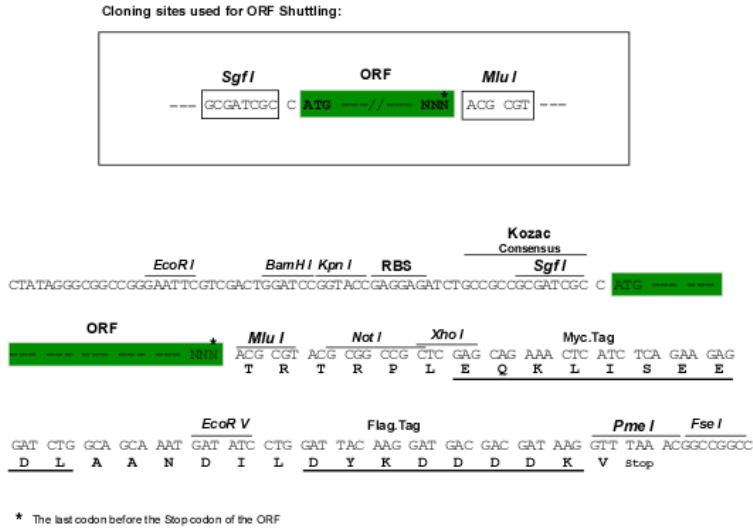
>RR209279 representing NM\_001008324  
 Red=Cloning site Green=Tags(s)

MAASAKKKNKKGKTIISLTDFLAEDGGTGGGTYVPKPVSWAEDTDDLEGDVSTTWHNSNDDVYRAPPIDR  
 SILPTAPRAAREPNIDRSRLPKSPPYTAFLGNLPYDVTEDSIKDFFRGLNISAVRLPREPSNPDRKGF  
 YAEFEDLDSLLSALSLNEESLGNRRIRVDVADQAQDKDRDRSFGRDRNRSDKTDTDWRARPATDSFDD  
 YPPRRGDSFGDKYRDRIYSDRYRDGYRDGYRDPDRMDRYGGRDRYDDRGSRDYDRGYDSRIGSGRRA  
 FGGYRRDDYRGGDRYEDRYDRRDRSWSRDDYSRDDYRRDRGPPQRPKLNKPRSTPKEDDSSAS  
 TSQSSRAASIFGGAKPVDAAREREVEERLQKEQEKLRQLDEPKLDRRPRERHPSWRSEETQERERSRT  
 GSESSQTGTSATSGRNRRRESEKSLNETLNKEEDCHSPTSKPPKPDQPLKVPMPAPPKENAWVKRSSN  
 PPARSQSSDTEQPSPTSGGKVAQAPSEEGPSRKDETKVDGVSTTKGQTHSSRGPDGGSRDHWKELD  
 RKDGKKQDSRSAPPEPKSEENRASKFSSASKYAALSVDEDEDEDDCTE

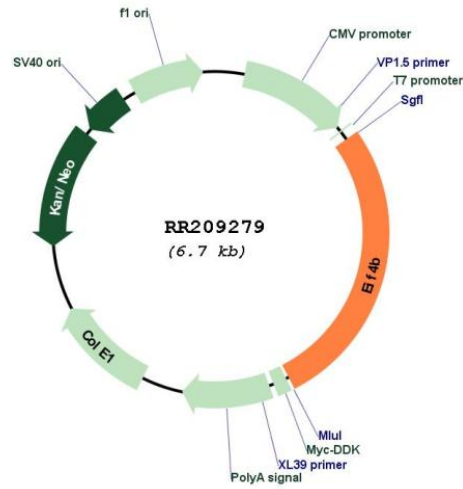
**TRTRP**LEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001008324

ORF Size: 1833 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001008324.1</a> , <a href="#">NP_001008325.1</a>
<b>RefSeq Size:</b>	3682 bp
<b>RefSeq ORF:</b>	1836 bp
<b>Locus ID:</b>	300253
<b>Cytogenetics:</b>	7q36
<b>MW:</b>	69.1 kDa