

Product datasheet for **RN207603**

Eif5b (NM_001110141) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eif5b (NM_001110141) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif5b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207603 representing NM_001110141 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGAAGAAACAGAAAAACAAGAGCGAAGACAGTACCAAGGATGATACTGACTTGGGCGCCTTGCTG
CGGAAATAGAAGGAGCTGGTGTGCCAAGGAGCAGGAGCCTCAGAAGGGAAAGGGAAGAAGAAAAAGGA
AAAAAGAAGCAAGACTTTGATGAGAACGACATTCTGAGAGAGCTGGAGGAGTTGTCTCTGGAAGCCAA
GGCATCGGAGCTGACAGAGATGCCGCTACAGTCAAGCCTACAGAAAAAATGAAGAAGAATCTGCCTCAA
AACAGATAAAAAAGAAAGGACAAAAAGGCAAGAAAAACAAGTTTGTGAGAATGATAGTGAAGAATT
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GATGCAGATGATCCTAATAAACTTTCTAAAAAAGGTAAAAAAGCCAGAAATCAACTAAAAAACGGGATG
GGTCGGAAGAGGATGAAGACAATAGCAAAAGAAGTAAAGAACGTTTCGAGAGTAACTCCTCAGGTGAAAG
TGGTGGTGAGTCTGATGAATTTTGCAGTCCAGAAAAGGACAGAAAAAATCAGAAGAACAAGTCAGTT
CCTACCATAGACAGTGGGAATGAGGACGATGACTCTTCCTTCAAAATTAAGACGGTGGCCAGAGAAGG
CAGAAAAGAAAGAGCGTGAGAGGAAAAAGAGAGAAGAGGAGAAAGCAAAGTTGCGAAAGGTGAAAGAGAA
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ACCCTGAGACACCTCCAAGCGCAGGGTGTGAAGTGCCATCAAAAGACTCGTTGCCAAAGAAGAGGCCAG
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GCAGAGGAAGACGAAGAACTGAAGATGCTGGGCTCGATGACTGGGAAGCTATGGCCAGTGATGAGGAGA
GAGAAAAAGAGGAAATATGATTCACATAGAAGTAGAAGAAAACCTGAGGAAGAGGAGGAGGAAGAAGA



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GGATGAAGATGAAGAAGACAGTGAAGATGAGGAAGACGAAGGGGACAGTGAAGGACGCGATGGGACGAG
GAGGACTACAAGCTATCGGACGAGAAGGACTTGGGAAAAGCTGGAGACACGAAGCCCAACAAAGACGCTA
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GCATCTACACTGGGCTCTTTGGAAGCTCTTCTGAATTTCTGAAAACATCAGAGGTGCCATATGCGGGAA
TTAATGTTGGCCAGTCCACAAGAAGGATGTTATGAAGGCTTCGGTGATGCTGGAACATGATCCGCAGTA
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ATGTGTGTTCCAAGCAAAAATTTTGTGACATTGGGATAGTAACAAGCATTGAAATAAACCAACAAGCAGG
TGGATGTTGCAAAAAAGGACAAGAGGTCTGTGTCAAAATAGAACCTATCCCTGGGGAATCTCAAAAAT
GTTTGGGAGACACTTCGAAGCTACAGACATTCTGTGAGCAAGATCAGCCGGCAGTCCATCGATGCACTC
AAAGACTGGTTCAGAGACGAAATGCAGAAGAGTACTGGCAGCTTATTGTGGAGCTGAAGAAAGTATTG
AAATCATCTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001110141

Insert Size:

3651 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_001110141.1, NP_001103611.1

RefSeq Size: 4118 bp

RefSeq ORF: 3651 bp

Locus ID: 308306

UniProt ID: B2GUV7

Cytogenetics: 9q21

Gene Summary: translation initiation factor; binds annexin V in a Ca²⁺ - and phospholipid-dependent manner [RGD, Feb 2006]