

Product datasheet for RN208410

Eif2b2 (NM_032058) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eif2b2 (NM_032058) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif2b2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208410 representing NM_032058 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGGGTGCCGCGCGAAGGGCTCGGAGTTGTCCGAGAGGATCGAGAGCTTCGTGAAACTCTGAAGC
GAGGTGGCGGGCGGCAGCTCGGAGGACATGGCTCGGGAGACCCTGGGGCTGCTGCCCGGCTCATCAC
GGACCACCACTGGAACAACGCCGGGACCTAATGGATTTGATCCGAGAGAGGGTAGGAGGATGACAGCC
GCGCAGCCCTCCGAGACCACCGTGGGAAACATGGTGCGGAGAGTCCTCAAGATCATACGGGAGGAGTATG
GCAGAGTCATGGGCGCAGTGATGAGAGCGATCAGCAGGAGTCCCTGCACAACTCTTGACATCCGGAGG
CCTGAGCGAGGATTTAGCTTCCATTATGCCCCACTTAAGTCCAACATCATTGAGGCGATTAATGAGCTG
CTAGTGAACTGGAAGGCACAACGGAGAACATTGCAGCCCAAGCTCTGGAGCACATCCACTCCAACGAGG
TGATCATGACCATTGGCTTCTCTAGGACAGTCGAGGCTTTCCTTAGAGAGGCAGCCAGAAGAGGAAGTT
CCATGTCATTGCTGCAGAGTGTCTCCTTCTGCCAGGGACATGAAATGGCCGTCAATTTGTCCGAAGCA
GGTATCGAGACAACGTGTCATGACCGATGCTGCCATTTTGTCTGTTATGTCAAGAGTCAACAAGGTGATCA
TTGGTACGAAGACTATCCTGGCCAATGGTTCCTGAGGGCTGTGGCAGGAACTCACACTCTGGCACTGGC
AGCCAAACACCACTCCACGCCTCTCATCGTCTGCGCACCCATGTTCAAGCTCTCTCCTCAGTTCCCCAGT
GAAGAAGATTCATTTACAAGTTTGTGGCTCCTGAAGAAGTCTTCTTTTACAGAGGAGACATTCTGG
AGAAGGTGAGTGTCCACTGTCTGTGTTGACTACGTGCCCTGACCTCATTACCTCTTTATCTCCAA
CATTGGTGGGAATGCACCGTCTACGTCTACCGCTGATGAGCGAGCTCTACCATCTGACGACCATGTC
CTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_032058
Insert Size:	1056 bp



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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:	<ol style="list-style-type: none">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_032058.2 , NP_114447.2
RefSeq Size:	1492 bp
RefSeq ORF:	1056 bp
Locus ID:	84005
Cytogenetics:	6q31
Gene Summary:	guanine nucleotide exchange factor; regulates key step in protein synthesis, restores eIF2 to its active GTP-bound state [RGD, Feb 2006]