

EEF1B2 cDNA

Catalog Number: ATGD0107

PRODUCT INFORMATION

Catalog number

ATGD0107

Product type

cDNA

Species

Human

NCBI Accession No.

NP_066944.1

Alternative Names

EEF1B, EEF1B1, EF1B

mRNA Refseq

NM_021121.3

OMIM

600655

Chromosome location

2q33.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

678bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

EEF1B2 cDNA

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EEF1B2 encodes a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. Alternative splicing results in three transcript variants which differ only in the 5' UTR.

DATA

Sequence nucleotides

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ATGGGTTTCGGAGACCTGAAAAGCCCTGCCGGCCTCCAGGTGCTCAACGATTACCTGGCGGACAAGAGCTACATCGAGGG
GTATGTGCCATCACAAGCAGATGTGGCAGTATTTGAAGCCGTGTCCAGCCCACCGCCTGCCGACTTGTGTTCATGCCCTACG
TTGGTATAATCACATCAAGTCTTACGAAAAGGAAAAGGCCAGCCTGCCAGGAGTGAAGAAAGCTTTGGGCAAATATGGTCC
TGCCGATGTGGAAGACACTACAGGAAGTGGAGCTACAGATAGTAAAGATGATGATGACATTGACCTCTTTGGATCTGATGAT
GAGGAGGAAAGTGAAGAAGCAAAGAGGCTAAGGGAAGAACGTCTTGACAAATATGAATCAAAGAAAGCCAAAAAACCTGC
ACTTGTGTTGCCAAGTCTTCCATCTTACTAGATGTGAAACCTTGGGATGATGAGACAGATATGGCGAAATTAGAGGAGTGCGTC
AGAAGCATTCAAGCAGACGGCTTAGTCTGGGGCTCATCTAACTAGTTCCAGTGGGATACGGAATTAAGAACTTCAAATAC
AGTGTGTAGTTGAAGATGATAAAGTTGGAACAGATATGCTGGAGGAGCAGATCACTGCTTTTGAGGACTATGTGCAGTCCAT
GGATGTGGCTGCTTTCAACAAGATCTAA
```

Transaction Sequence

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MGFGDLKSPA GLQVLNDYLA DKSYIEGYVP SQADVAVFEA VSSPPPADLC HALRWYNHIK SYEKEKASLP GVKKALGKYG
PADVEDTTGS GATDSKDDDD IDLFGSDDEE ESEEAKRLRE ERLAQYESKK AKKPALVAKS SILLDVKPWD DETDMAKLEE
CVRSIQADGL VWGSSKLVPV GYGIKKLQIQ CVVEDDKVGT DMLEEQTAF EDYVQSMDDVA AFNKI
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