

EIF5A2 cDNA

Catalog Number: ATGD0140

PRODUCT INFORMATION

Catalog number

ATGD0140

Product type

cDNA

Species

Human

NCBI Accession No.

NP_065123.1

Alternative Names

EIF-5A2, eIF5AII

mRNA Refseq

NM_020390.5

OMIM

605782

Chromosome location

3q26.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

462bp

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

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EIF5A2 (Eukaryotic Translation Initiation Factor 5A2) is a Protein Coding gene. Among its related pathways are Apoptotic Pathways in Synovial Fibroblasts and PTM- gamma carboxylation, hypusine formation and arylsulfatase activation. GO annotations related to this gene include ribosome binding and translation elongation factor activity. An important paralog of this gene is EIF5AL1.

DATA

Sequence nucleotides

```
ATGGCAGACGAAATTGATTTCACTACTGGAGATGCCGGGGCTTCCAGCACTTACCCTATGCAGTGCTCGGCCTTGCGCAA  
AACGGCTTCGTGGTGCTCAAAGGACGACCATGCAAATAGTGGAGATGTCAACTTCCAAAAGCATGGTCATGCC  
AAGGTTACCTTGTGGAATTGATATTTTACGGGCAAAAAATATGAAGATATTTGTCCTTCTACTACAACATGGATGTTCC  
AAATATTAAGAGAAATGATTATCAACTGATATGCATTCAAGATGGTTACCTTTCCCTGCTGACAGAACTGGTGAAGTTCGTG  
AGGATCTTAACTGCCAGAAGGTGAACTAGGCAAAGAAATAGAGGGAAAATACAATGCAGGTGAAGATGTACAGGTGTCTG  
TCATGTGTGCAATGAGTGAAGAATATGCTGTAGCCATAAAACCCTGCAAATAA
```

Transaction Sequence

```
MADEIDFTTG DAGASSTYPM QCSALRKNF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHMD  
VPNIKRNDYQ LICIQDGYLS LLTETGEVRE DLKLPEGELG KEIEGKYNAG EDVQVSMCA MSEEYAVAIK PCK
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