

EIF1AY cDNA

Catalog Number: ATGD0209

PRODUCT INFORMATION

Catalog number

ATGD0209

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004672.2

Alternative Names

eIF-4C

mRNA Refseq

NM_004681.3

OMIM

400014

Chromosome location

Yq11.223

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

435bp

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

EIF1AY cDNA

Catalog Number: ATGD0209

EIF1AY is located on the non-recombining region of the Y chromosome. It encodes a protein related to eukaryotic translation initiation factor 1A (EIF1A), which may function in stabilizing the binding of the initiator Met-tRNA to 40S ribosomal subunits. Alternative splicing results in multiple transcript variants.

DATA

Sequence nucleotides

```
ATGCCCAAGAATAAAGGTAAAGGAGGTAAAAACAGGCGCAGGGGTAAAAATGAGAATGAATCTGAAAAAGAGAGTTGGT
GTTTAAAGAGGATGGACAAGAGTATGCTCAGGTAATCAAATGTTGGGAAATGGACGATTGGAAGCATTGTGTTTTGATGGT
GTAAAGAGGTTATGCCATATCAGAGGGAAATTGAGAAAAAGGTTTGGATAAATACATCAGACATTATATTGGTTGGTCTAC
GGGACTATCAGGATAACAAAGCTGATGTAATTTTAAAGTACAATGCAGATGAAGCTAGAAGCCTGAAGGCATATGGCGAGC
TTCCAGAACATGCTAAAATCAATGAAACAGACACATTTGGTCCTGGAGATGATGATGAAATCCAGTTTGACGATATTGGAGA
TGATGATGAAGACATTGATGATATCTAA
```

Transaction Sequence

```
MPKNKGKGGK NRRRGKNENE SEKRELVFKE DGQEYAQVIK MLGNRLEAL CFDGVKRLCHIRGKLRKKVW INTSDIILVG
LRDYQDNKAD VILKYNADAE RSLKAYGELP EHAKINETDTFGPGDDDEIQ FDDIGDDDED IDDI
```