

FSBP cDNA

Catalog Number: ATGD0494

PRODUCT INFORMATION

Catalog number

ATGD0494

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001243070.1

Alternative Names

mRNA Refseq

NM_001256141.1

OMIM

616306

Chromosome location

8q

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

900bp

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

Fibrinogen silencer-binding protein, also known as FSBP, is interacts with X11alpha. X11alpha/FSBP complex

FSBP cDNA

Catalog Number: ATGD0494

signals to the nucleus to repress glycogen synthase kinase-3beta promoter activity. X11alpha is a neuronal adaptor protein that interacts with the amyloid precursor protein (APP) through a centrally located phosphotyrosine binding domain to inhibit the production of Abeta peptide that is deposited in Alzheimer's disease brains.

DATA**Sequence nucleotides**

```
ATGGTAGGAAAGGCTAGATCTTCCAATTTTACCTTATCCGAAAAGCTTGATTTGCTAAAGCTTGTGAAGCCATATGTGAAAAT
TCTCGAAGAACACACTAATAAACATTTCAGTAATAGTAGAAAAGAATAGATGTTGGGATATCATAGCAGTTAACTATAATGCAA
TTGGAGTAGACCGCCCTCCTCGAACAGCACAGGGCCTACGCACCCTTTATAAAAAGGCTCAAAGAATATGCCAAACAGGAGC
TATTGCAGCAAAAAGAGACCCAATCAGATTTTAAAAGCAATATTTCTGAGCCAACCAAGAAAGTTATGGAGATGATTCCCCA
GATTTCCAGTTTTTGCCTGGTAAGAGACAGGAACCACATACAAAGTGCAAACCTTGGATGAGGAGGCACAGGCTGGTACCAG
TTCACTACAGGTAATGTTGGATCACCATCCTGTTGCTATTACAGTGGAGGTGAAGCAAGAAGAAGACATTAACCACCTCCT
CCACTGGTTTTAAATTCTCAACAGAGTGATACTTTAGAGCAAAGAGAAGAACATGAATTAGTACATGTTATGGAAAGATCCTT
GTCGCCTTCACTTTCTCTGTTGATATGAGAATGACATCGTCTCCATCTTCTATTCCAAGGAGAGATGATTTTTTTTCGGCATG
AGAGTGGTGAACACTTTAGGTCACTATTAGGGTATGATCCTCAGATCCTGCAAATGTTGAAAGAGGAGCATCAGATAATTTT
AGAAAATCAAAAAAATTTTGGATTGTATGTTTCAGGAGAAGAGGGATGGATTGAAAAGAAGGCAGCAGCTAGAGGAAGAGCT
ACTAAGAGCAAAAATTGAAGTGGAGAAGCTGAAAGCAATTCGCTTACGGCATGATCTACCTGAATATAACAGTCTCTAA
```

Transaction Sequence

```
MVGKARSSNF TLSEKLDLLK LVKPYVKILE EHTNKHSVIV EKNRCWDIIA VNYNAIGVDRPPRRTAQLRT LYKRLKEYAK
QELLQKQETQ SDFKSNISEP TKKVMEMIPQ ISSFCLVRDRNHIQSANLDE EAQAGTSSLQ VMLDHPVAI TVEVKQEEDI
KPPPPLVLNS QQSDTLEQREEHELHVHMER SLSPSLSSVD MRMTSSPSSI PRRDDFFRHE SGEHFRSLLG
YDPQILQMLKEEHQIILENQ KNFGLYVQEK RDGLKRRQL EEELLRAKIE VEKLAIRLR HDLPEYNSL
```