

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

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signals to the nucleus to repress glycogen synthase kinase-3 β promoter activity. X11 α 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 A β peptide that is deposited in Alzheimer's disease brains.

DATA

Sequence nucleotides

```
ATGGTAGGAAAGGCTAGATCTTCCAATTTTACCTTATCCGAAAAGCTTGATTTGCTAAAGCTTGTGAAGCCATATGTGAAAAT
TCTCGAAGAACACACTAATAAACATTTCAGTAATAGTAGAAAAGAATAGATGTTGGGATATCATAGCAGTTAACTATAATGCAA
TTGGAGTAGACCGCCCTCCTCGAACAGCACAGGGCCTACGCACCCTTTATAAAAGGCTCAAAGAATATGCCAAACAGGAGC
TATTGCAGCAAAAAGAGACCCAATCAGATTTTAAAAGCAATATTTCTGAGCCAACCAAGAAAAGTTATGGAGATGATTCCCCA
GATTTCCAGTTTTTGCCTGGTAAGAGACAGGAACCACATACAAAGTGCAAACCTTGGATGAGGAGGCACAGGCTGGTACCAG
TTCCTACAGGTAATGTTGGATCACCATCCTGTTGCTATTACAGTGGAGGTGAAGCAAGAAGAAGACATTAAACACCTCCT
CCACTGGTTTTAAATTCTCAACAGAGTGATACTTTAGAGCAAAGAGAAGAACATGAATTAGTACATGTTATGGAAAGATCCTT
GTCGCCTTCACTTTCTCTGTTGATATGAGAATGACATCGTCTCCATCTTCTATTCCAAGGAGAGATGATTTTTTTCGGCATG
AGAGTGGTGAACACTTTAGGTCACCTATTAGGGTATGATCCTCAGATCCTGCAAATGTTGAAAGAGGAGCATCAGATAATTTT
AGAAAATCAAAAAAATTTTGGATTGTATGTTTCAGGAGAAGAGGGATGGATTGAAAAGAAGGCAGCAGCTAGAGGAAGAGCT
ACTAAGAGCAAAAATTGAAGTGGAGAAGCTGAAAGCAATTCGCTTACGGCATGATCTACCTGAATATAACAGTCTCTAA
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Transaction Sequence

```
MVGKARSSNF TLSEKLDLLK LVKPYVKILE EHTNKHVIV EKNRCWDIIA VNYNAIGVDRPPRTAQGLRT LYKRLKEYAK
QELLQKQETQ SDFKSNISEP TKKVMEMIPQ ISSFCLVRDRNHIQSANLDE EAQAGTSSLQ VMLDHHHPVAI TVEVKQEEDI
KPPPPLVLNS QQSDTLEQREEHELHVHMER SLSPSLSSVD MRMTSSPSSI PRRDDFFRHE SGEHFRSLLG
YDPQILQMLKEEHQIILENQ KNFGLYVQEK RDGLKRRQQL EEELLRAKIE VEKLKAIRLR HDLPEYNSL
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