

Recombinant human FSBP protein

Catalog Number: ATGP2136

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-299aa

UniProt No.

O95073

NCBI Accession No.

NP_001243070

Alternative Names

Fibrinogen silencer-binding protein, Fibrinogen silencer binding protein

PRODUCT SPECIFICATION

Molecular Weight

37.2 kDa (322aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Fibrinogen silencer-binding protein, also known as FSBP, is interacts with X11alpha. X11alpha/FSBP complex 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. Recombinant human FSBP protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

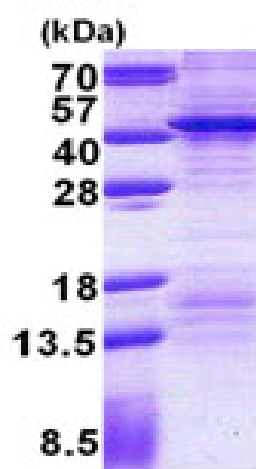
MGSSHHHHHH SGLVPRGSH MGSMVGKARS SNFTLSEKLD LLKLVKPYVK ILEEHTNKHS VIVEKNRCWD IIAVNYNAIG
VDRPPRTAQG LRTLYKRLKE YAKQELLQKQ ETQSDFKSNI SEPTKKVMEM IPQISSFCLV RDRNHIQSAN LDEEAQAGTS
SLQVMLDHHP VAITVEVKQE EDIKPPPPLV LNSQQSDTLE QREEHELHVH MERSLSPSL SVDMMRMTSSP SSIPRRDDFF
RHESGEHFRS LLGYDPQILQ MLKEEHQIIL ENQKNFGLYV QEKRDGLKRR QLEEEELLRA KIEVEKLKAI RLRHDLPEYN SL

General References

Lau KF., et al. (2010) Neuroreport. 21(11):761-6

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)