

FSBP, 1-299aa, Human, His tag, E.coli

Cat.NO.: TP02151

3th Edition

Synonyms:Fibrinogen silencer-binding protein, Fibrinogen silencer binding protein

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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol

Molecular Weight:37.2kDa (322aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMVGKARSSNFTLSEKDLLKLVKPYVKILEEHTNKHVSIVEKNRCWDIIAVNY
NAIGVDRPPRTAQGLRTLYKRLKEYAKQELLQQKETQSDFKSNISEPTKKVMEMIPQISSFCLVRDRNHIQSANLDE
EAQAGTSSLQVMLDHHHPVAITVEVKQEEDIKPPPPLVLNSQQSDTLEQREEHELVHVMERSLSPSLSSVDMRMTSS
PSSIPRRDDFFRHESGEHFRSLLGYDPQILQMLKEEHQIILENQKNFGLYVQEKRDGLKRRQQLEEEELLRAKIEVEKL
KAIRLRHDLPEYNSL

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.