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32-3846: FSBP Recombinant Protein

Alternative Name : Fibrinogen silencer-binding protein,FSBP.

Description

Source : Escherichia Coli. FSBP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-299 a.a.) and having a molecular mass of 37.2kDa.FSBP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Fibrinogen silencer-binding protein (FSBP), interacts with X11alpha. The X11alpha/FSBP complex send signals to the nucleus in order to repress glycogen synthase kinase-3beta promoter activity. X11alpha is a neuronal adaptor protein that interacts with the amyloid precursor protein (APP) via a centrally located phosphotyrosine binding domain to inhibit the production of Abeta peptide that is deposited in Alzheimer's diseased brains.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	FSBP protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 1M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMVGKARS SNFTLSEKLD LLKLVKPYVK ILEEHTNKHS VIVEKNRCWD IIAVNYNAIG VDRPPRTAQG LRTLYKRLKE YAKQELLQQK ETQSDFKSNI SEPTKKVMEM IPQISSFCLV RDRNHIQSAN LDEEAQAGTS SLQVMLDHHP VAITVEVKQE EDIKPPPPLV LNSQQSDTLE QREEHELVHV MERSLSPSLS SVDMRMTSSP SSIPRRDDFF RHESGEHFRS LLGYDPQILQ MLKEEHQIIL ENQKNFGLYV QEKRDGLKRR QQLEEELLRA KIEVEKLKAI RLRHDLPEYN SL.

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