
Product Data Sheet

Product Name: FSBP Human
 Cat. No.: GP23515
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Fibrinogen silencer-binding protein; FSBP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMVGKARS SNFTLSEKLD LLKLVKPYVK ILEEHTNKHS VIVEKNRCWD IIAVNYNAIG VDRPPRTAQG LRTLYKRLKE YAKQELLQKQK ETQSDFKSNI SEPTKKVMEM IPQISSFCLV RDRNHIQSAN LDEEAQAGTS SLQVMLDHHP VAITVEVKQE EDIKPPPPLV LNSQQSDTLE QREEHELVHV MERSLSPSLS SVDMRMTSSP SSIPRRDDFF RHESGEHFERS LLGYDPQILQ MLKEEHQIIL ENQKNFGLYV QEKRDGLKRR QLEEEELLRA KIEVEKLKAI RLRHDLPEYN SL.		
Formulation	FSBP protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 1M Urea and 10% glycerol.		

Introduction

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.

Stability

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.

Background

FSBP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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