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# FOS-B Human

**Description:**FOS-B Human Recombinant (a.a. 113-151) expressed in E.coli, shows a 32 kDa SDS-PAGE (Including GST).The FOS-B is purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-512

**Synonyms:**Protein fosB, G0/G1 switch regulatory protein 3, FOSB, G0S3, AP-1, GOS3, GOSB, MGC42291, DKFZp686C0818, FOS-B.

For research use only.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Formulation:**

FOS-B in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

**Stability:**

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

**Applications:**

ELISA Inhibition Assays Western Blotting.

**Introduction:**

Fos B encodes a nuclear protein of 338 amino acids which has 70% homology with c-Fos, exhibits similar kinetics of expression as c-Fos and forms heterodimers with both c-Jun and Jun B which bind to TRE DNA response elements. Functional homologs of c-Fos and Fos- B include Fra-1 and Fra-2 genes. The 4 members of Fos gene family are: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins which can dimerize with proteins of the JUN family, thus forming the transcription factor complex AP-1. The FOS proteins act as regulators of cell proliferation, differentiation, and transformation. Alternatively spliced transcript variants encoding different isoforms exist for Fos B.

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