

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Fos B (S23) Peptide

Cat No.: BS1645P

Background

Fos and Jun dimerize to form Activator Protein-1 (AP-1), a transcriptional factor that binds to the 12-O-tetradecanoylphorbol 13-acetate (TPA) response element (TRE) of several cellular and viral genes including human collagenase, metallothionein IIa, stromelysin, interleukin 2, SV40 and polyoma. Fos and Jun contain the 'leucine-zipper' motif that allows for dimerization and an adjacent basic domain required for biological activity. The functionally active form of Fos is in a heterodimer with a member of the Jun family. While Jun family members can form functional homodimers, studies indicate that Fos family members do not self-associate and therefore do not bind DNA on their own. The various dimers differ in their ability to transactivate AP-1 dependent genes.

Swiss-Prot

P53539

Applications

Blocking

Specificity

This peptide can be used with studies using BS1645 Fos B (S23) pAb.

Purification & Purity

Synthetic peptide Fos B (S23). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.