

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FIP (D226) Peptide

Cat No.: BS1489P

Background

The ubiquitously expressed cellular upstream stimulatory factor (USF) consists of 43 kDa (USF-1) and 44 kDa (USF-2) polypeptides which independently exhibit site-specific DNA binding and are members of the c-Myc-related family of regulatory factors containing helix-loop-helix domains. USF also contains a leucine repeat that is required for efficient DNA binding. USF was originally identified as an upstream stimulatory factor that binds the core sequence CACGTG in the adenovirus late promoter. These findings, together with the demonstration of cooperative interaction between USF and the initiator-binding protein TFII-I, raise the possibility of a more general involvement of USF in transcriptional regulation. While expression of both USF-1 and USF-2 species is ubiquitous, different ratios of USF homo- and hetero-dimers are found in different cell types.

Swiss-Prot

Q15853

Applications

Blocking

Specificity

This peptide can be used with studies using BS1489 FIP (D226) pAb.

Purification & Purity

Synthetic peptide FIP (D226). (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.