

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-ATF4 (S245) Peptide

Cat No.: BS4020P

#### Background

ATF4 is a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain (referenced from Entrez gene).

#### Swiss-Prot

P18848

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4020 p-ATF4 (S245) pAb.

#### Purification & Purity

Synthetic peptide p-ATF4 (S245). (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.

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