

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ATF3 (N159) Peptide

Cat No.: BS2261P

Background

Activating transcription factor 3 is a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. It encodes a protein with a calculated molecular mass of 22 kD. ATF3 represses rather than activates transcription from promoters with ATF binding elements. An alternatively spliced form of ATF3 (ATF3 delta Zip) encodes a truncated form ATF3 protein lacking the leucine zipper protein-dimerization motif and does not bind to DNA. In contrast to ATF3, ATF3 delta Zip stimulates transcription presumably by sequestering inhibitory co-factors away from the promoter. It is possible that alternative splicing of the ATF3 gene may be physiologically important in the regulation of target genes. Three transcript variants encoding two different isoforms have been found for this gene.

Swiss-Prot

P18847

Applications

Blocking

Specificity

This peptide can be used with studies using BS2261 ATF3 (N159) pAb.

Purification & Purity

Synthetic peptide ATF3 (N159). (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.