Bioworld Technology CO., Ltd.

RPL10 (F34) Peptide

Cat No.: BS2549P

Background

The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, while Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. A distant member of the MAP kinase family, designated c-Jun NH2-terminal kinase (JNK1) functions to regulate c-Jun by phosphorylation at the amino terminal serine regulatory sites, Ser 63 and Ser 73). RPL10 has been described as a transcription factor that can function to bind DNA directly or alternatively can interact with c-Jun to inhibit transactivation of AP-1 promoter driven reporter vectors by Jun-Jun homodimers. RPL10 is highly conserved throughout eukaryotic evolution and is apparently a member of a mul-ti-gene family.

Swiss-Prot

P27635

Applications

Blocking

Specificity

This peptide can be used with studies using BS2549 RPL10 (F34) pAb.

Purification & Purity

Synthetic peptide RPL10 (F34). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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