Bioworld Technology CO., Ltd.

Fer (D798) Peptide

Cat No.: BS1936P

Background

Fer is a non-receptor protein-tyrosine kinase (nRTK) of the Fes/Fps family, which shares a functional (SH2) domain and is involved in signaling pathways through receptor tyrosine kinases (RTK) and cytokine receptors. The Fes/Fps family is distinct from c-Src, c-Abl and related nRTKs and was originally distinguished as a homolog to retroviral oncoproteins. In vivo, Fer kinaseassembles into homotrimers via conserved coiled-coil domains. The N-terminal coiled-coil domains of Fer can autophosphorylate in trans, thereby regulating their cellular function through differential phosphorylation states. Growth factor exposure can induce tyrosine phosphorylation of Fer and recruitment of Fer to RTK complexes containing p85. Fer is implicated in insulin signaling, cell-cell signaling, human prostatic proliferative diseases, and is involved in the regulation of G1 progression.

Swiss-Prot

P16591

Applications

Blocking

Specificity

This peptide can be used with studies using BS1936 Fer (D798) pAb.

Purification & Purity

Synthetic peptide Fer (D798). (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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