

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



SOCS-2 (E67) Peptide

Cat No.: BS2914P

Background

SOCS2 is capable of inhibiting cytokine signalling by interleukin-6 (IL-6) and growth hormone. SOCS2 interacts with the phosphorylated insulin-like growth factor (IGF-I) receptor, where it may play a regulatory role in cellular growth, differentiation, and inhibition of apoptosis via the Ras and PI3K signalling pathways. In humans, SOCS2 mRNA is expressed widely in both foetal and adult tissues, including foetal kidney and adult heart, skeletal muscle, pancreas, and liver. In rats, SOCS2 mRNA exhibits high levels of expression in liver and heart, and in the mouse nervous system, SOCS2 is expressed exclusively by neurons, where it is switched on developmentally in concordance with neuronal differentiation.

Swiss-Prot

O14508

Applications

Blocking

Specificity

This peptide can be used with studies using BS2914 SOCS-2 (E67) pAb.

Purification & Purity

Synthetic peptide SOCS-2 (E67). (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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