

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TSC22 (E73) Peptide

Cat No.: BS2661P

Background

Transforming growth factor- β -stimulated clone-22 (TSC-22) acts as a transcriptional regulator to modulate cell growth and differentiation and cell death. TSC-22 contains a leucine zipper domain as well as a nuclear export signal, resulting in cytoplasmic localization in living cells. However, concomitant with the induction of apoptosis, TSC-22 translocates from the cytoplasm to the nucleus and shows transcriptional regulatory activity. TSC-22 acts as a major downstream component in the TGF- β pathway, and also the PPAR γ signalling pathway. The association of these two pathways with tumor suppression, and the significant downregulation of TSC-22 mRNA in various cancer types, such as brain and salivary gland tumors, imply an anti-proliferative role for TSC-22.

Swiss-Prot

Q15714

Applications

Blocking

Specificity

This peptide can be used with studies using BS2661 TSC22 (E73) pAb.

Purification & Purity

Synthetic peptide TSC22 (E73). (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.