

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



HIC2 Peptide

Cat No.: BS60430P

Background

HIC-2 (hypermethylated in cancer 2) possesses zinc finger motifs that are thought to be important for DNA-binding and also has a BTB/POZ domain at the N-terminus, which is thought to be important for protein-protein binding, as well as for the binding of transcription factors. HIC-2 is also known as Hic-3, HIC1-related gene on chromosome 22 or Zinc finger and BTB domain-containing protein 30, and is a 615 amino acid protein that is expressed as two isoforms produced by alternative splicing. HIC-2 is highly expressed in cerebellum and is localized to the nucleus in cells. HIC-2 contains a short amino acid sequence that is thought to interact with CtBP, a transcriptional repressor. The gene sequence associated with HIC-2 is thought to be a target for miRNAs (microRNAs) which are expressed in many cancers, suggesting that HIC-2 could possess tumor suppressor capabilities.

Swiss-Prot

Q96JB3

Applications

Blocking

Specificity

This peptide can be used with studies using BS60430 HIC2 pAb.

Purification & Purity

Synthetic peptide HIC2. (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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