

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ZIS (I144) Peptide

Cat No.: BS1900P

#### Background

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF265 (Zinc finger protein 265), also known as ZRANB2 (Zinc finger Ran-binding domain-containing protein 2), ZIS, ZIS1 or ZIS2, is a 330 amino acid protein that belongs to the ZRANB2 family. Localized to the nucleus, ZNF265 functions as a splicing factor that is responsible for alternatively splicing Tra-2 $\beta$  (transformer-2 beta) transcripts and is thought to interfere with constitutive 5'-splice selection. ZNF265 contains two RanBP2-type zinc fingers through which it conveys its RNA-binding activity. Two isoforms, designated ZIS-1 and ZIS-2, are expressed due to alternative splicing events. Upon DNA damage, ZIS-2 may be phosphorylated by ATM or ATR.

#### Swiss-Prot

O95218

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1900 ZIS (I144) pAb.

#### Purification & Purity

Synthetic peptide ZIS (I144). (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.

Bioworld Technology, Inc.  
1660 South Highway 100, Suite 500 St. Louis Park, MN  
55416, USA. Email: [info@bioworlde.com](mailto:info@bioworlde.com)  
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.  
No 9, weidi road Qixia District Nanjing, 210046,  
P, R.China. Email: [info@biogot.com](mailto:info@biogot.com)  
Tel: +86-025-68037686 Fax: +86-025-68035151