

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CSE1L (E2) Peptide

Cat No.: BS1080P

#### Background

Normal tissues are characterized by a balance between cellular stasis, cell proliferation, cell differentiation and cell death. Aberrant regulation of any of these cell processes can result in cancer. Cell death during embryogenesis, tissue atrophy and normal tissue turnover is called apoptosis. This is characterized by cytoplasmic and nuclear condensation, nuclear disorganization and fragmentation of genomic DNA into 180-200 base pair oligomers. Several human cDNA fragments have been shown to render MCF-7 cells resistant to cell death induced by Pseudomonas exotoxin, Pseudomonas exotoxin-derived immunotoxins, diphtheria toxin and tumor necrosis factor (TNF). One such fragment has proven to be the human homolog to the yeast chromosome segregation homolog, CSE1. Cloning of the full-length human cDNA has revealed a putative protein designated CAS, for cellular apoptosis susceptibility, that is 971 amino acids in length with 59% overall sequence homology as compared to yeast CSE1. CAS is highly expressed in testis and fetal liver.

#### Swiss-Prot

P55060

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1080 CSE1L (E2) pAb.

#### Purification & Purity

Synthetic peptide CSE1L (E2). (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@bioworld.com](mailto:info@bioworld.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