

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### BCAS2 Peptide

Cat No.: BS5626P

#### Background

BCAS2 (breast carcinoma amplified sequence 2), also designated DAM1 (DNA amplified in mammary carcinoma 1 protein) or spliceosome-associated SPF 27, is a ubiquitously expressed nuclear protein that was originally identified as being overexpressed in various breast cancer cell lines. BCAS2 is now known to be a component of the spliceosome, participating in the removal of introns from mRNA precursors. BCAS2 specifically interacts (in a ligand-independent manner) with TR $\beta$  (thyroid hormone receptor  $\beta$ ), ER $\alpha$  (estrogen receptor  $\alpha$ ), ER $\beta$ , PR (progesterone receptor), and PPAR $\gamma$  (Peroxisome proliferator-activated receptor  $\gamma$ ). BCAS2 functions as an ER coactivator and is capable of enhancing ER-mediated transcription. This suggests that BCAS2 is involved in the development of breast cancer.

#### Swiss-Prot

O75934

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5626 BCAS2 pAb.

#### Purification & Purity

Synthetic peptide BCAS2. (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.