

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### HSF1 (S303) Peptide

Cat No.: BS9117P

#### Background

Heat shock transcription factors (HSF, also designated HSTF) 1 and 2 are involved in this regulation. HSF1 and HSF2 are up-regulated by estrogen at both the mRNA and protein level. HSF1 is normally found as a monomer whose transcriptional activity is repressed by constitutive phosphorylation. Upon activation, HSF1 forms trimers, gains DNA binding activity and is translocated to the nucleus. HSF2 activity is associated with differentiation and development, and, like HSF1, binds DNA as a trimer. Both HSF1 and HSF2 are known to be induced by proteasome inhibitors of the ubiquitin pathway.

#### Swiss-Prot

Q00613

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS9117 HSF1 (S303) pAb.

#### Purification & Purity

Synthetic peptide HSF1 (S303). (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.