

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### MRTF-A (H11) Peptide

Cat No.: BS2342P

#### Background

Serum response factor (SRF) is a transcription factor that binds the serum response element (SRE), a sequence that mediates the transient response of many cellular genes to growth stimulation. SRF regulates the transient response of several muscle genes in response to growth factors and recruits accessory myogenic factors to activate these muscle genes. SRF is required for the formation of vertebrate mesoderm leading to the origin of the cardiovascular system. Myocardin, in association with SRF in cardiac muscle cells, activates cardiac muscle promoters. Myocardin-related transcription factor A (MRTF-A), also known as MKL1, interacts with SRF and stimulates its transcriptional activity.

#### Swiss-Prot

Q969V6

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2342 MRTF-A (H11) pAb.

#### Purification & Purity

Synthetic peptide MRTF-A (H11). (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.