

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### GATA-5 (K293) Peptide

Cat No.: BS2908P

#### Background

The protein encoded by this gene is a transcription factor that contains two GATA type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF 1 alpha), and this interaction is essential for cooperative activation of the intestinal lactase phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. GATA5 is induced at an early stage of endothelial-endocardial differentiation prior to expression of such early endocardial markers as Tie2 and ErbB3. It is required for differentiation of cardiogenic precursors into endothelial endocardial cells.

#### Swiss-Prot

Q9BWX5

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2908 GATA-5 (K293) pAb.

#### Purification & Purity

Synthetic peptide GATA-5 (K293). (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.

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