

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### HC-II (D68) Peptide

Cat No.: BS9125P

#### Background

Heparin cofactor II (HCII) is a glycoprotein in human plasma which rapidly inactivates Thrombin in the presence of dermatan sulfate. Inhibition occurs by formation of a stable equimolar complex between HCII and Thrombin. Certain clinical conditions, such as hepatic failure, disseminated intravascular coagulation, thalasemina and sickle cell anemia, display reduced levels of HCII. However, during pregnancy, physiological levels of HCII expression are elevated. HCII may regulate coagulation and may participate in processes such as inflammation, atherosclerosis and wound repair. HCII is widely distributed among vertebrates and may have a common function in birds, amphibians and mammals.

#### Swiss-Prot

P05546

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS9125 HC-II (D68) pAb.

#### Purification & Purity

Synthetic peptide HC-II (D68). (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.