

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TSG-6 (V37) Peptide

Cat No.: BS2655P

#### Background

TSG6 is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is involved in extracellular matrix stability and cell migration. This protein forms a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhances the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. The expression of this gene can be induced by tumor necrosis factor alpha and interleukin-1. The expression can also be induced by mechanical stimuli in vascular smooth muscle cells, and is correlated with proteoglycan synthesis and aggregation.

#### Swiss-Prot

P98066

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2655 TSG-6 (V37) pAb.

#### Purification & Purity

Synthetic peptide TSG-6 (V37). (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.