

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### MGST2 Peptide

Cat No.: BS5796P

#### Background

MGST2 (Microsomal glutathione S-transferase 2) is a 147 amino acid protein encoded by the human gene MGST2. MGST2 can catalyze the production of LTC<sub>4</sub> (leukotriene C<sub>4</sub>) from LTA<sub>4</sub> (leukotriene A<sub>4</sub>) and reduced glutathione. It can also catalyze the conjugation of 1-chloro-2,4-dinitrobenzene with reduced glutathione. MGST2 is a multi-pass membrane protein found as a homodimer. MGST2 belongs to the MAPEG family and is expressed in liver, spleen, skeletal muscle, heart, adrenals, pancreas, prostate, testis, fetal liver, and fetal spleen. It has very low expression in lung, brain, placenta and bone marrow. Also, MGST2 is the only GST expressed in human umbilical vein endothelial cells (HUVECs).

#### Swiss-Prot

Q99735

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5796 MGST2 pAb.

#### Purification & Purity

Synthetic peptide MGST2. (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.