

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CYP2D6 (A300) Peptide

Cat No.: BS5684P

#### Background

Enhanced CYP2D6 activity has been related to malignancies of the bladder, liver, pharynx, and stomach and, especially, to cigarette-smoking-induced lung cancer. The data suggests that enhanced CYP2D6-mediated metabolism of one or more dietary and other environmental agents, to form a reactive intermediate, plays a role in cancer initiation and/or promotion in various tissues. CYP2D6 polymorphism, which is responsible for the variation in metabolism of debrisoquine 4-hydroxylase, is important in the metabolism of more than 30 drugs and environmental chemicals, including as much as 20% of all commonly prescribed drugs.

#### Swiss-Prot

P10635

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5684 CYP2D6 (A300) pAb.

#### Purification & Purity

Synthetic peptide CYP2D6 (A300). (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.