

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CYP2E1 Peptide

Cat No.: BS5686P

Background

Cytochrome P450 2E1 (CYP2E1) localizes to the endoplasmic reticulum and is induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous levels of substrates, such as ethanol, acetone, and acetal, as well as exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines which are premutagens found in cigarette smoke. CYP2E1 plays an important role in alcohol metabolism and participates in the metabolic activation of various carcinogens. Chronic ethanol consumption results in the induction of hepatic CYP2E1 in humans, which may play an important role in the pathogenesis of alcoholic liver disease. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer.

Swiss-Prot

P05181

Applications

Blocking

Specificity

This peptide can be used with studies using BS5686 CYP2E1 pAb.

Purification & Purity

Synthetic peptide CYP2E1. (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.

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA. Email: info@bioworld.com
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046,
P, R.China. Email: info@biogot.com
Tel: +86-025-68037686 Fax: +86-025-68035151