

CYP2E1 抗原（重组蛋白）

中文名称： CYP2E1 抗原（重组蛋白）

英文名称： CYP2E1 Antigen (Recombinant Protein)

别名： CPE1; CYP2E; P450-J; P450C2E

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human CYP2E1

技术规格：

Full name:	cytochrome P450, family 2, subfamily E, polypeptide 1
Synonyms:	CPE1; CYP2E; P450-J; P450C2E
Swissprot:	P05181
Gene Accession:	BC067435
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous 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. Due to its many substrates , this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer.