

CYP1B1 抗原（重组蛋白）

中文名称：CYP1B1 抗原（重组蛋白）

英文名称：CYP1B1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human CYP1B1

技术规格

Full name:	cytochrome P450, family 1, subfamily B, polypeptide 1
Synonyms:	CP1B; GLC3A; CYIB1; P4501B1
Swissprot:	Q16678
Gene Accession:	BC012049
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. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.